

# Magento 2

# Order Attributes

## User Guide

Version 1.0

## Table of Contents

I) Introduction	2
II) Where to find the extension	3
III) Settings	6
3.1. General Settings	7
3.2. Checkout Page	8
3.3. Frontend Order Details Page	9
IV) Order Attributes	11
4.1. Order Attributes Grid	12
4.2. Create Order Attributes	13
4.2.1. Properties	15
4.2.2. Manage Labels & Tooltips	30
4.2.3. Display Settings	31
4.2.4. Conditions	41
V) Dependent Order Attributes	50
5.1. Basic Conditional Logic	51
5.2. Complex Conditional Logic	54
VI) Include Order Attributes in Emails	56
VII) Compatible with Magento 2 PDF Customizer	66
VIII) Support	67

## I) Introduction

**Magento 2 Order Attributes Extension** lets you provide customers with extra fields on the checkout page. Thus, they can leave other important details of their orders instead of giving a direct call to your store. This brings customers satisfaction that indicates a high order success rate and a high chance of them returning.

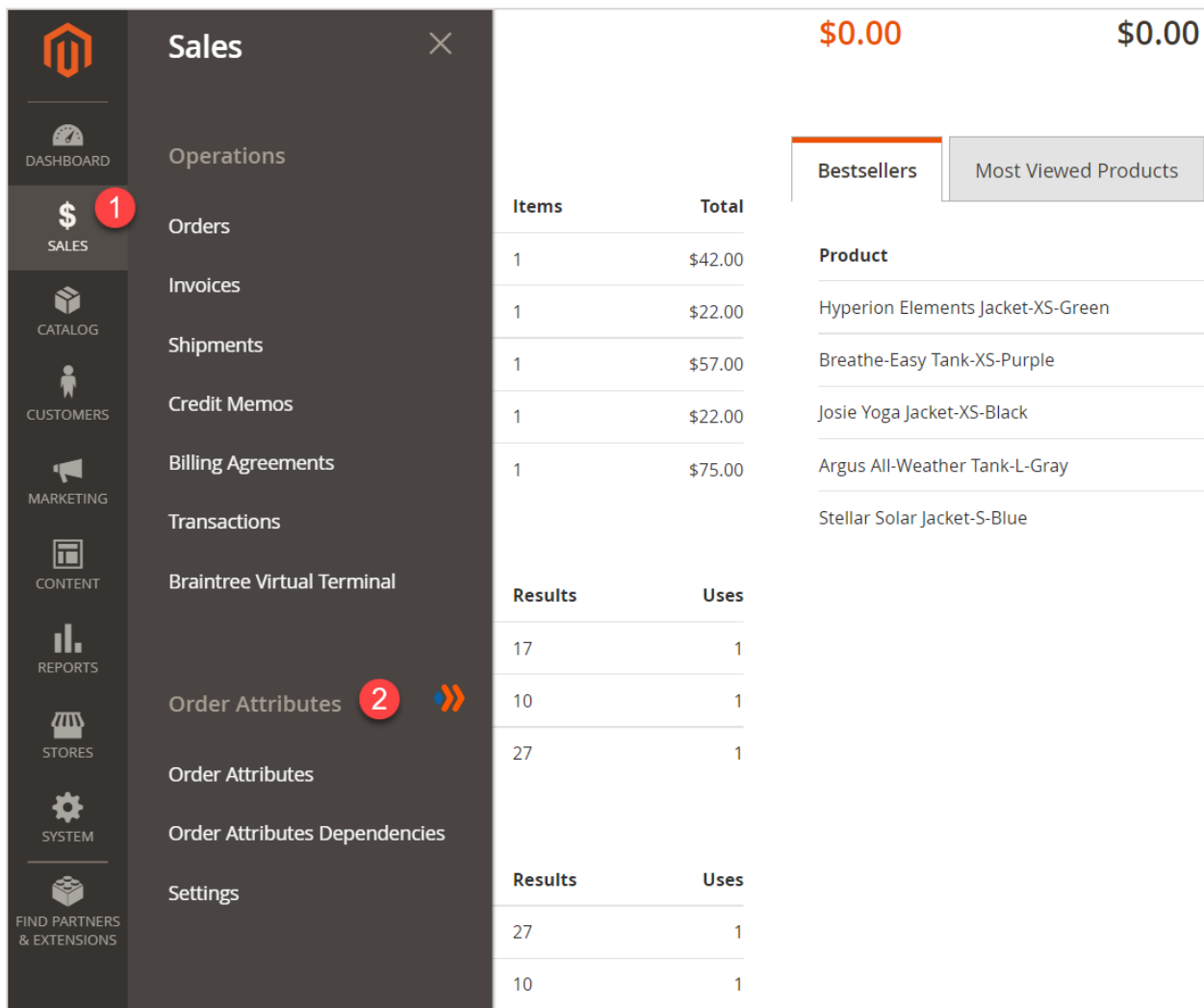
### **KEY FEATURES**

- Create additional order fields on the checkout page
- Manage order attributes in a neat grid
- 12 various input types
- Various positions to display an attributes
- Sort and arrange the attribute fields on a specific checkout step
- Assign checkout field to certain shopping cart
- Restrict checkout field to specific customer group & store view
- Include order attributes in sales emails
- Create dependencies between checkout fields
- Attach helpful tooltips to checkout fields
- Manage attribute labels and tooltips in store views
- Compatible with Magento 2 PDF Customizer

## II) Where to find the extension

This extension is used to facilitate customers while they place orders. That’s why we’ve put this extension in the **Sales** tab, where all stages of a transaction occur (Orders, invoices, shipments, credit memo, billing agreements, transactions).

From the admin sidebar, go to Sales. The **Sales** tab appears with **Magento 2 Order Attributes extension** like the image below:



The screenshot shows the Magento 2 admin interface. On the left is a dark sidebar with various menu items. The 'Sales' menu item is highlighted with a red circle containing the number '1'. Below it, the 'Order Attributes' menu item is highlighted with a red circle containing the number '2' and an orange arrow icon. The main content area shows the 'Order Attributes' page with a total of \$0.00. The page has two tabs: 'Bestsellers' (active) and 'Most Viewed Products'. Below the tabs is a table with columns 'Items' and 'Total'. The table contains five rows of data. Below this table is another table with columns 'Results' and 'Uses'. The table contains two rows of data.

Items	Total
1	\$42.00
1	\$22.00
1	\$57.00
1	\$22.00
1	\$75.00

Results	Uses
17	1
10	1
27	1

Results	Uses
27	1
10	1

In the **Order Attributes** sub-tab, there are three sections:

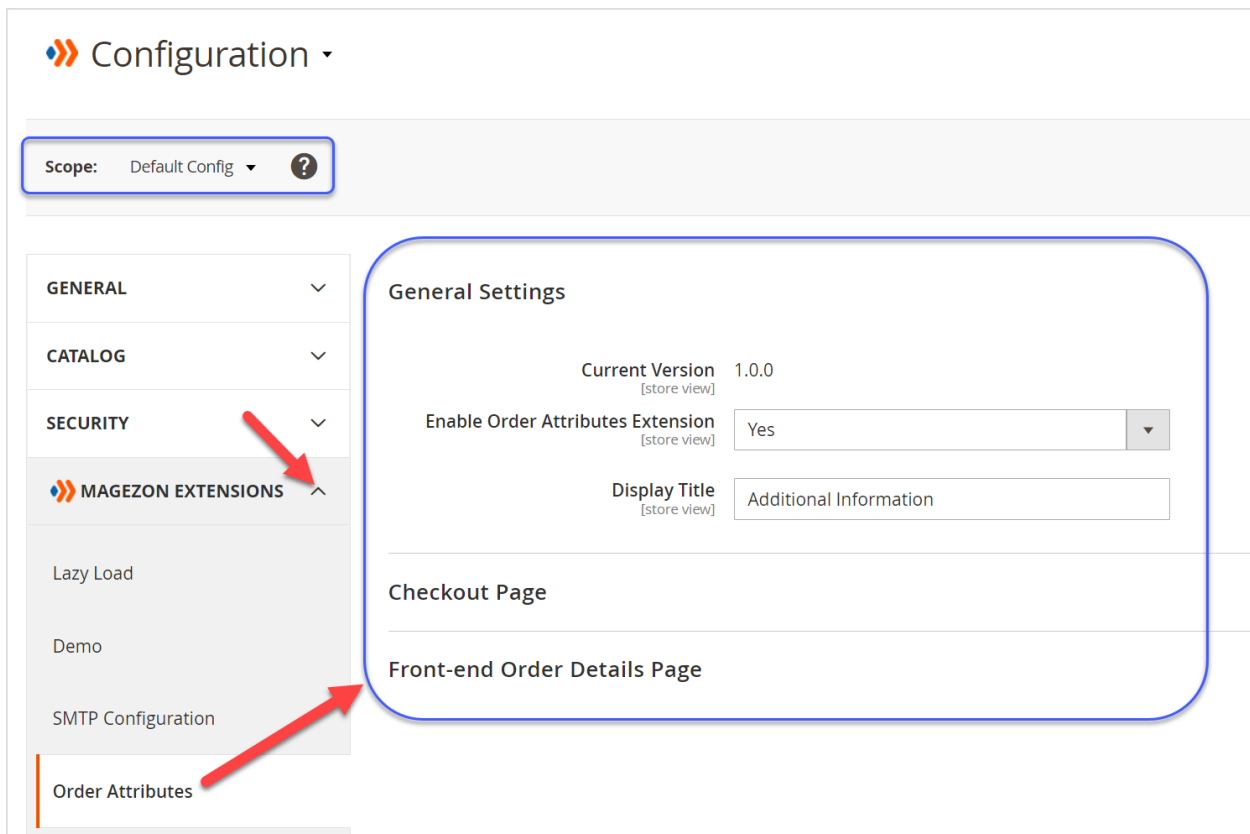
- **Order Attributes** allow you to manage order attributes. It means you can create, edit, delete and perform other different actions such as filter, column, search by keyword.
- **Order Attributes Dependencies** enable you to create dependencies between order attribute fields.
- **Settings**: This allows you to configure some general settings after installing this extension.

Now, let's start with **Settings**.

## III) Settings

After going to **Settings**, in the left panel, expand **Magezon Extensions** and then click **Order Attributes**. On the right side, there are three sections:

- General Settings
- Checkout Page
- Frontend Order Details Page



In the upper left corner, you can choose the scope where the configuration will be applied.

## 3.1. General Settings


### General Settings

**Current Version** 1.0.0  
[store view]

**Enable Order Attributes Extension** Yes  
[store view]

**Display Title** Additional Information  
[store view]

- The **Current Version** of the extension.
- **Enable Order Attributes Extension:** Choose **Yes/No** to enable/disable the extension.
- **Display Title:** Enter the title for the order attribute block that appears on
  - ❖ Customer order details page & PDFs (Order, invoice, shipment, credit memo).
  - ❖ Backend pages (Order, invoice, shipment, credit memo view).

**Additional Information** 

---

**i** Is this order a gift?: Yes

**i** Let us know if you have a color/theme preference: I want playful prints and sophisticated classics, to gift wrap that's on trend with the current season.

**i** Gift message : On your special day, I wish you an abundance of joy, happiness, and love. You truly deserve it! Happy Birthday!

**i** Recipient's name : Jane Dong

**i** Please let us know your expected delivery date: 07/29/2021


**i** Did you have any problems when placing your order?: No

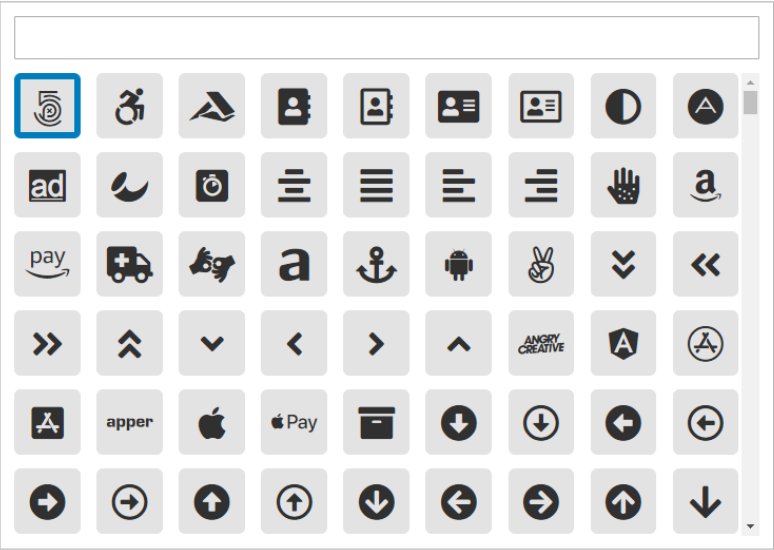
## 3.2. Checkout Page

Checkout Page

Show Attributes [store view] Yes

Show Icon Before Attributes [store view] Yes

Icon [store view] 



A grid of 70 icons for selection. The first icon in the top-left corner is highlighted with a blue border. The icons include various symbols such as a document, a person, a truck, a hand, a peace sign, and various arrows.

- **Show Attributes:** Choose **Yes/No** to display/not display order attributes on the checkout page.
- **Show Icon Before Attributes:** Enables icon to show before order attributes.
- **Icon:** Select the icon for order attributes.



## 3.3. Frontend Order Details Page

### Front-end Order Details Page

**Show Attributes** [store view]

**Include Attributes in PDFs** [store view]

**Show Icon Before Title** [store view]

**Icon for Title** [store view]

**Show Icon Before Attributes** [store view]

**Icon for Attributes** [store view]

**Custom CSS** [store view]

```
.mgz-orderattr-title {  
  color: red;  
  font-weight: bold !important;  
}
```

**.mgz-orderattr-title**: Class for tittle  
**.mgz-orderattr-icon-title**: Class for tittle icon  
**.mgz-orderattr-attributes-content**: Class for attributes content  
**.mgz-orderattr-attributes-icon**: Class for attributes icon  
**.mgz-orderattr-attributes-label**: Class for attributes label  
**.mgz-orderattr-attributes-value**: Class for attributes value

- **Show Attributes:** Choose **Yes/No** to show/not show order attributes on the:
  - ❖ Customer order details page & in PDFs (Order, invoice, shipment, credit memo)
- **Include Attributes in PDFs:** Select **Yes/No** to include/exclude order attributes in PDFs (Order, Invoice, Shipment, Credit Memo).

The fields below were created to make order attribute fields look less boring. Also, they help you and your customer scan information efficiently.

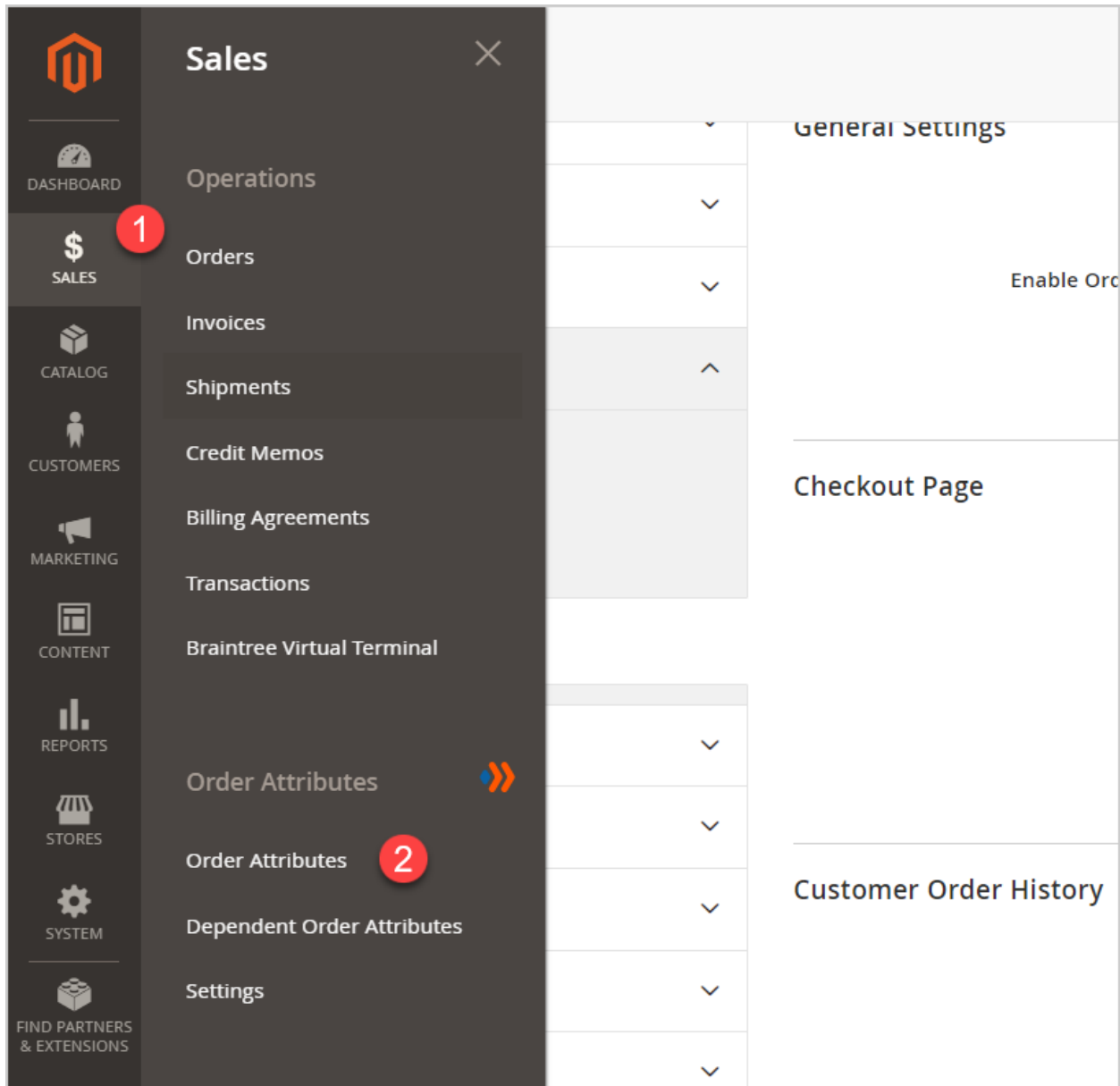
- **Show Icon Before Title:** Choose **Yes/No** to show/not show icon before the title.
- **Icon for Title:** Select the icon for the title.
- **Show Icon Before Attributes:** Select **Yes/No** to show/not show the icon before order attributes.
- **Icon for Attributes:** Choose the icon for order attributes.
- **Custom CSS:** allows you to customize the appearance of the title, attributes' title, attribute's label, attribute's value. In this case, we set Red as the color of the attributes' title.

Besides, we've offered you their classes so that you can easily use them for your customization.

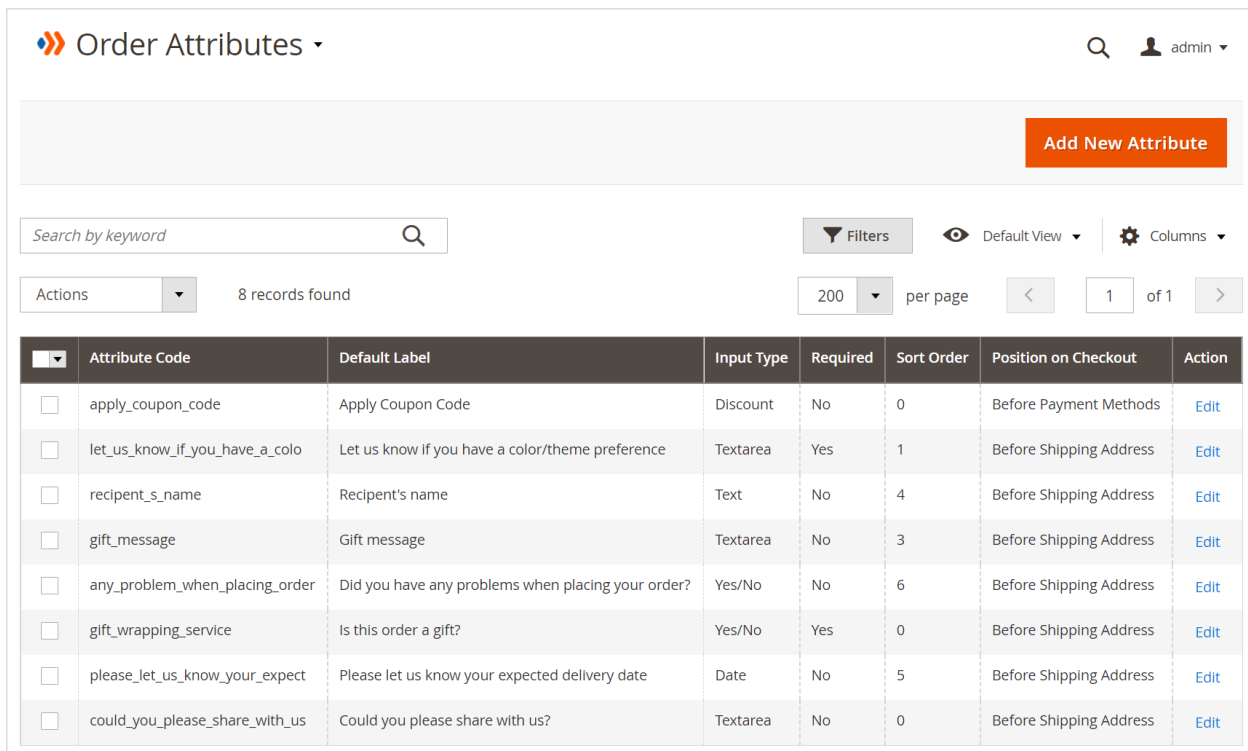
That's all the general settings of [Magento 2 Order Attributes Extension](#) you should keep in mind. Now, we'll guide you through how to manage order attributes.

## IV) Order Attributes

From the sidebar, go back to **Sales**. Under **Order Attributes**, click **Order Attributes**.



Then you will be redirected to the page of order attributes grid where you can manage order attributes in an organized way.



Order Attributes

Search by keyword

Filters Default View Columns

Actions 8 records found 200 per page 1 of 1

	Attribute Code	Default Label	Input Type	Required	Sort Order	Position on Checkout	Action
<input type="checkbox"/>	apply_coupon_code	Apply Coupon Code	Discount	No	0	Before Payment Methods	<a href="#">Edit</a>
<input type="checkbox"/>	let_us_know_if_you_have_a_color	Let us know if you have a color/theme preference	Textarea	Yes	1	Before Shipping Address	<a href="#">Edit</a>
<input type="checkbox"/>	recipient_s_name	Recipient's name	Text	No	4	Before Shipping Address	<a href="#">Edit</a>
<input type="checkbox"/>	gift_message	Gift message	Textarea	No	3	Before Shipping Address	<a href="#">Edit</a>
<input type="checkbox"/>	any_problem_when_placing_order	Did you have any problems when placing your order?	Yes/No	No	6	Before Shipping Address	<a href="#">Edit</a>
<input type="checkbox"/>	gift_wrapping_service	Is this order a gift?	Yes/No	Yes	0	Before Shipping Address	<a href="#">Edit</a>
<input type="checkbox"/>	please_let_us_know_your_expect	Please let us know your expected delivery date	Date	No	5	Before Shipping Address	<a href="#">Edit</a>
<input type="checkbox"/>	could_you_please_share_with_us	Could you please share with us?	Textarea	No	0	Before Shipping Address	<a href="#">Edit</a>

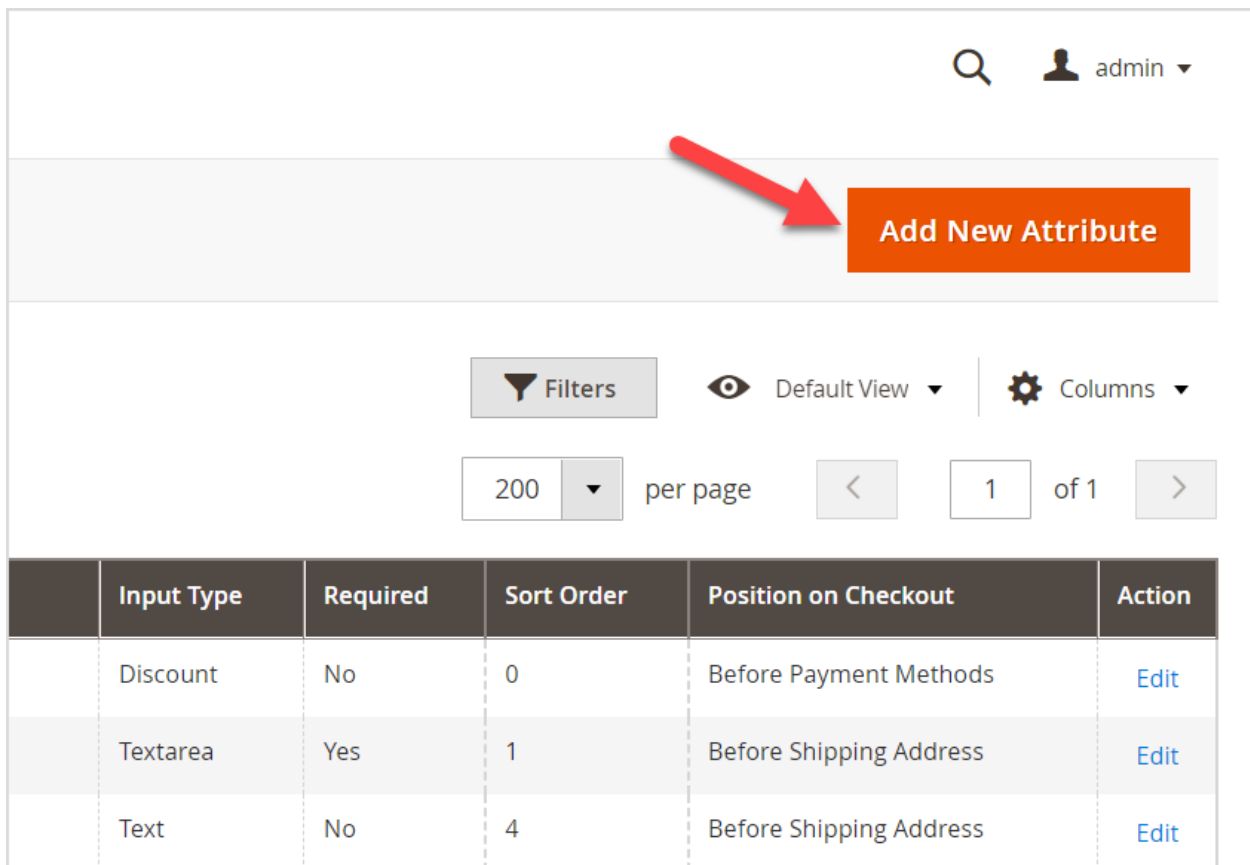
## 4.1. Order Attributes Grid

- Like other grids in Magento, the order attributes grid has the same controls: Filters, Default View, Columns, Search by keywords, Actions. The difference is, it is used to manage order attributes.
- This grid also provides you with the most necessary information about an order attribute: Attribute default label, attribute code, input type, required value, sort order, position on checkout, helping you track all order attributes with ease.
- This is where to create new order attributes, edit or delete them.

We will show you how to create a new order attribute with **Magento 2 Order Attributes Extension** in the next part.

## 4.2. Create Order Attributes

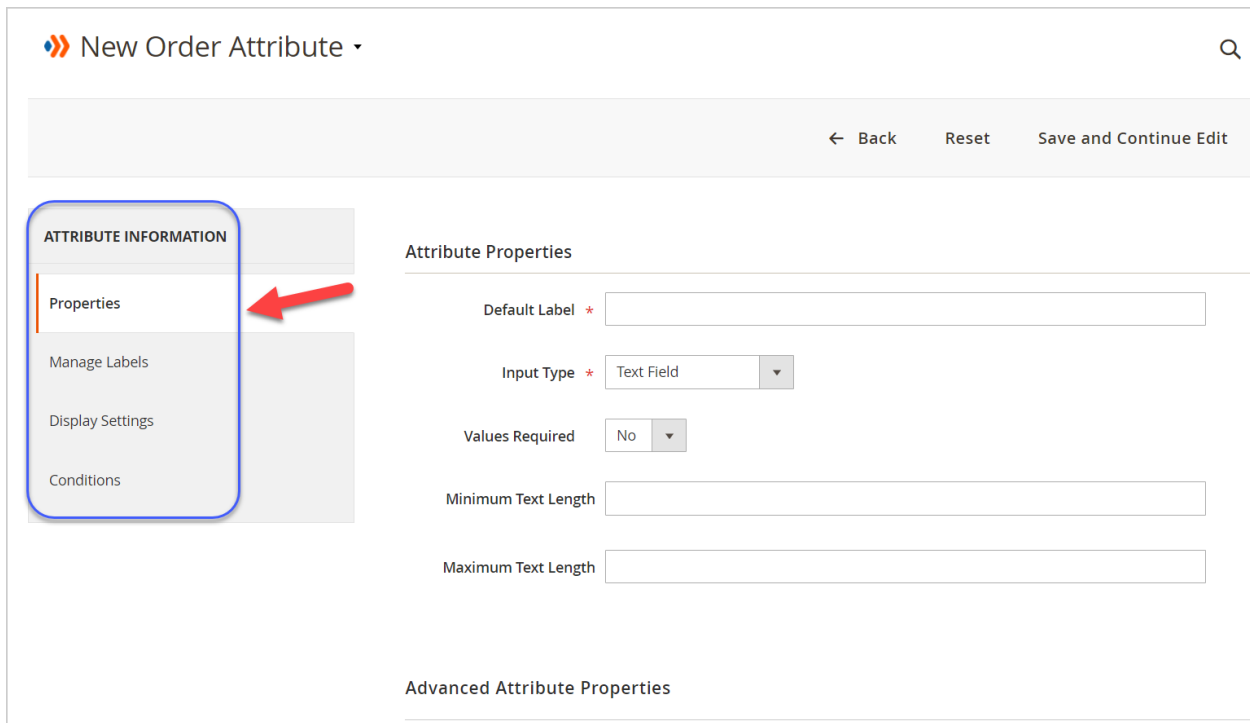
To add a new order attribute, click **Add New Attribute** in the upper right corner of the attribute grid.



The screenshot shows the Magento 2 Order Attributes grid interface. At the top right, there is a search icon and a user profile icon labeled 'admin'. Below this, a red arrow points to an orange button labeled 'Add New Attribute'. Below the button, there are controls for filters, default view, and columns. At the bottom, there is a table with the following data:

	Input Type	Required	Sort Order	Position on Checkout	Action
	Discount	No	0	Before Payment Methods	<a href="#">Edit</a>
	Textarea	Yes	1	Before Shipping Address	<a href="#">Edit</a>
	Text	No	4	Before Shipping Address	<a href="#">Edit</a>

Then the **New Order Attribute** page appears with four tabs on the left panel:



- **Properties:** This allows you to complete both basic and advanced attribute properties.
- **Manage Labels:** This lets you manage attribute labels in the Admin and also in the storefront of each store view. If you are controlling different stores in different languages, you can enter the translated label for each.
- **Display Settings:** This helps you manage the attribute display in various positions of your store.
- **Conditions:** This allows you to assign order attributes to specific carts based on your given condition(s).

## 4.2.1. Properties

### Attribute Properties 1

Default Label \*

Values Required

Input Type \*

Minimum Text Length

Maximum Text Length

### Advanced Attribute Properties 2

Attribute Code   
This is used internally. Make sure you don't use spaces or more than 60 symbols.

Default Value

Default Tooltip   
This is the property to give hints to the field.

Input Validation

In the **Properties** tab, there are two main sections:

- Section 1: Attribute Properties
- Section 2: Advanced Attribute Properties

Let's start with Section 1.

## a. Attribute Properties

### Attribute Properties

---

Default Label \*

Input Type \*  ▼

Values Required  ▼

Minimum Text Length

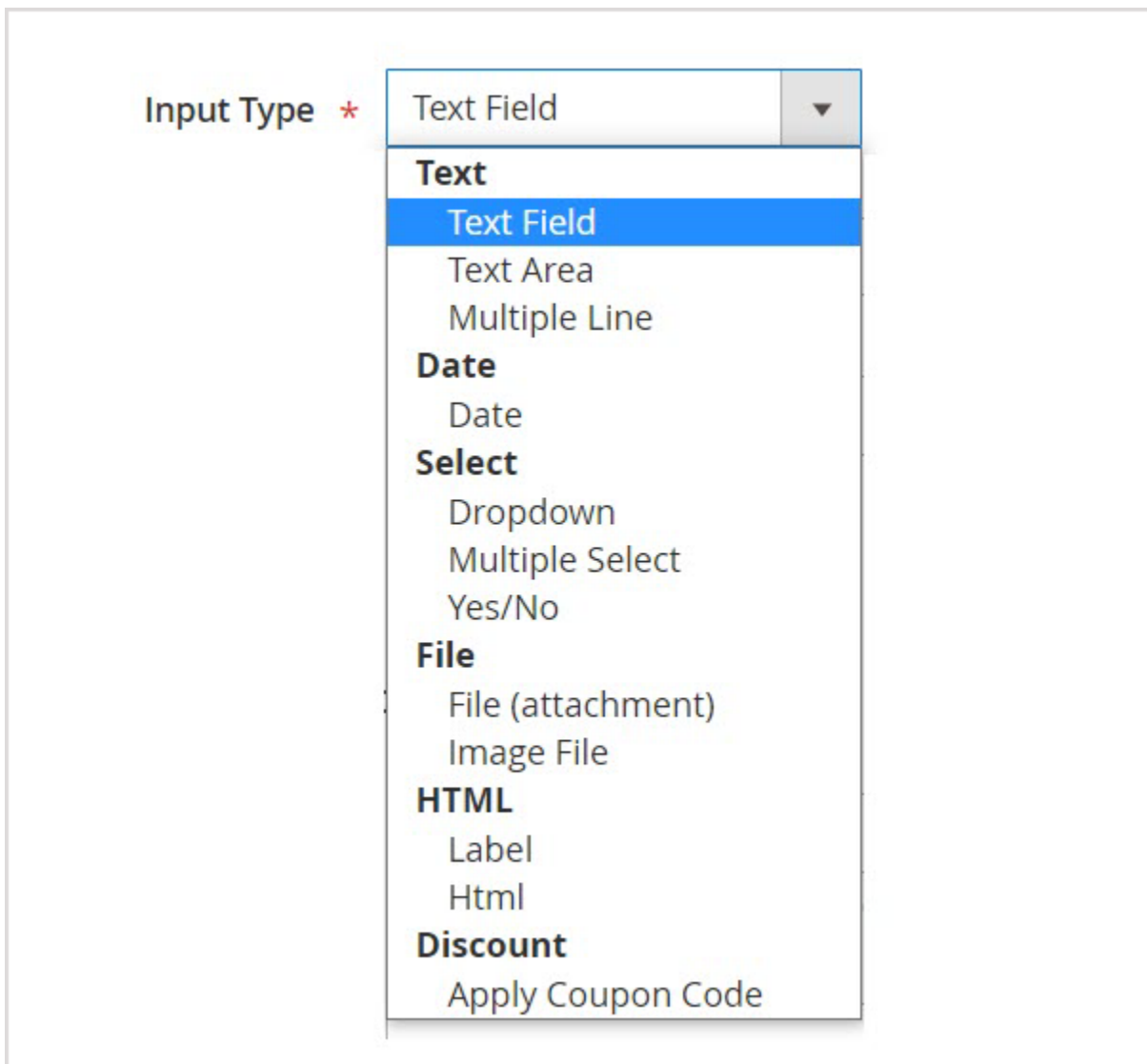
Maximum Text Length

- **Default Label:** Enter the default name/label of the attribute field.
- **Input Type:** Select the type of data for the field. By default, the Text Field is set for the Input Type field.
  - ❖ Take a concrete example of one input type. If you want to create a field that allows customers to leave their order requirements in detail, Text Area should be your choice.



- ❖ **Magento 2 Order Attributes extension** offers 12 different input types.

Each type of field lets you collect a different type of data.



1. Text Field: The field with this input type lets customers enter a single line of texts. Besides, you can set the maximum and the minimum number of characters for the field.

Text Field

2. Text Area: Customers can enter multiple lines of texts in the field (like a short paragraph). Also, you can limit the number of characters for the field with this input type.

Text Area

3. Multiple Line: When a customer has MORE THAN ONE shipping address, you can use Multiple Line for each separate address. Further, you can assign the number of single lines to the field.

Multiple Line

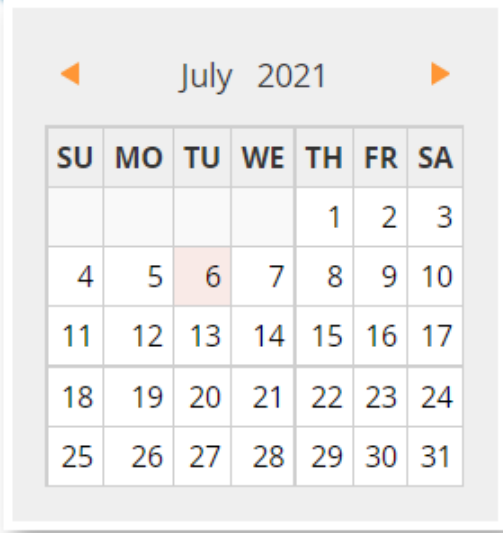
Multiple Line : Line 1

Multiple Line : Line 2

Multiple Line : Line 3

- 4. Date: With Date, customers can select the date for the field.

**Date**

SU	MO	TU	WE	TH	FR	SA
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

- 5. Dropdown: When the input type is Dropdown, customers can choose ONLY ONE option from your selection list.

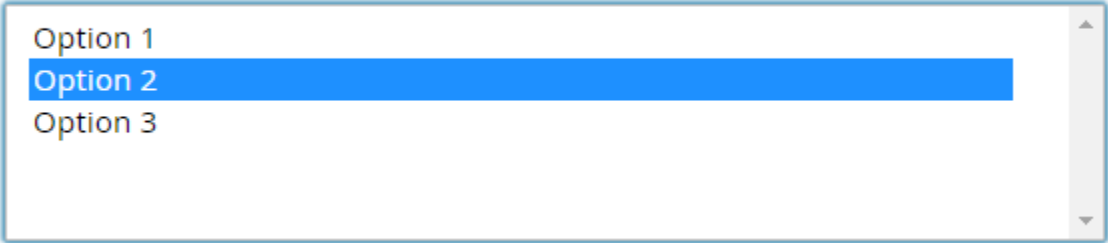
**Dropdown**

- Option 1
- Option 2
- Option 3

6. Multiple Select: Customers can select MORE THAN ONE among your selection of options if you choose this input type.

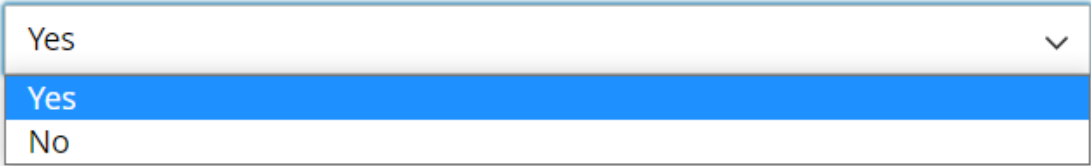
Multiple select



Option 1  
Option 2  
Option 3

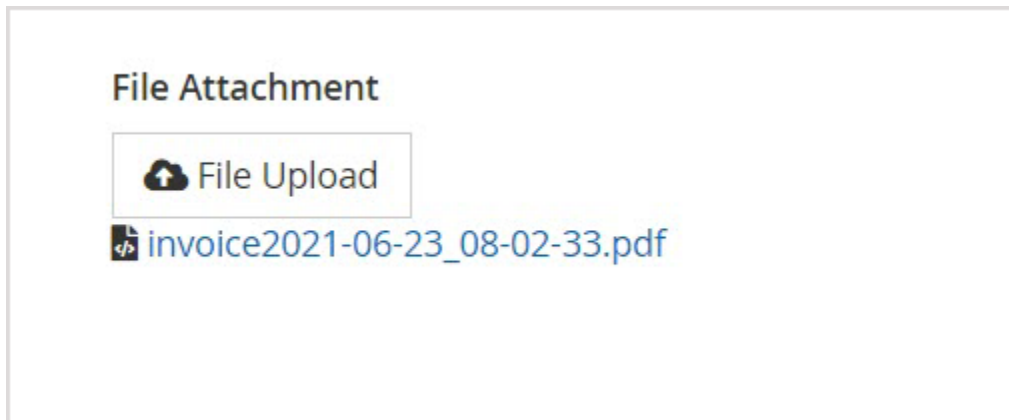
7. Yes/No: The field with this input type lets customers choose one of two options: Yes and No.

Yes & No

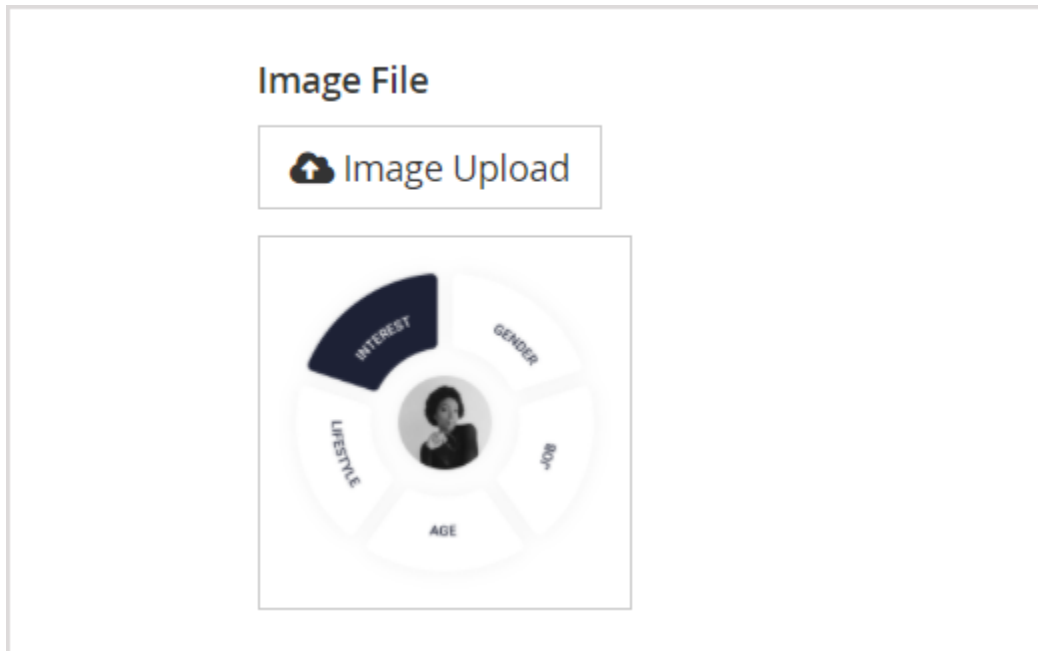


Yes  
Yes  
No

8. **File Attachment:** When you choose File Attachment, customers can upload any file they want (Word, Exel, PowerPoint, image, etc.). Besides, you can set file format (.pdf, .doc, .csv, .xlsx, .jpg, .pptx, etc.) and size limits on the file in bytes, that the user will be able to upload on the entry page.

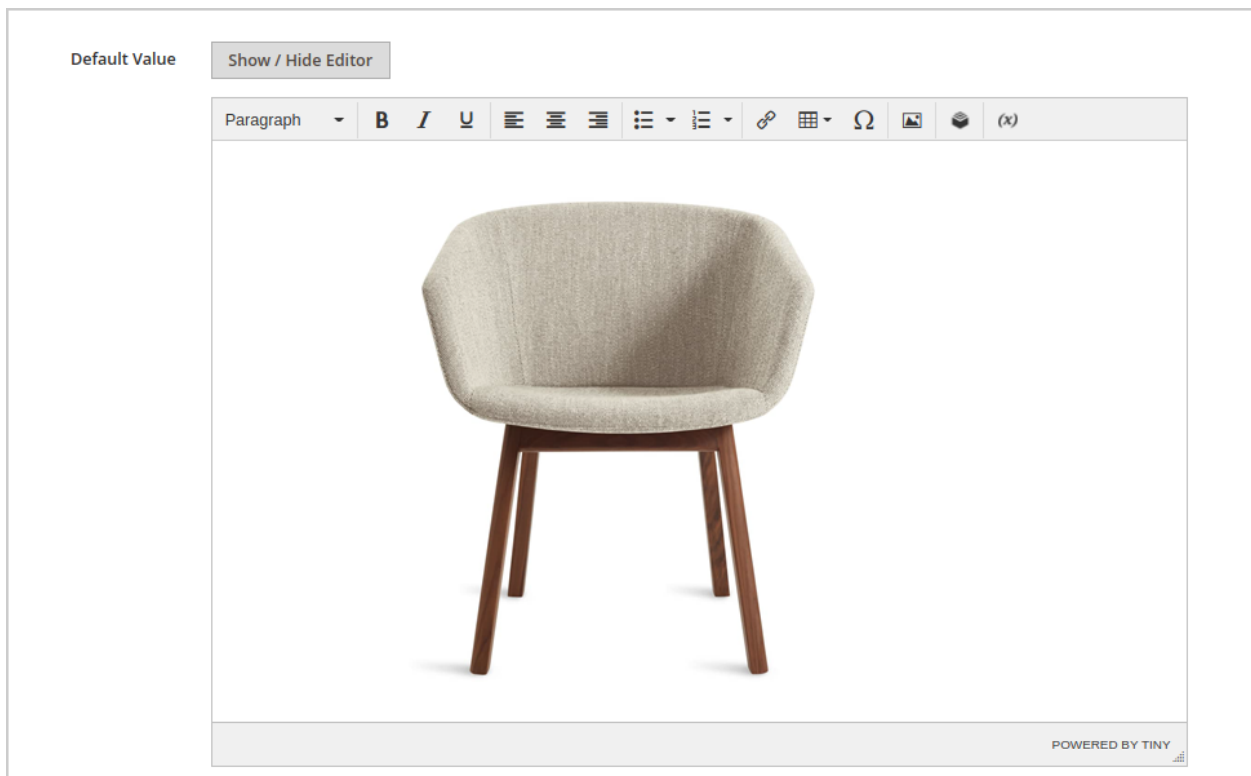


- 9. Image File: In this field with Image File, customers are allowed to upload just an image. Also, the File Extensions Property for the image field enables you to list the file types that customers can upload. Note that a comma separates these types.

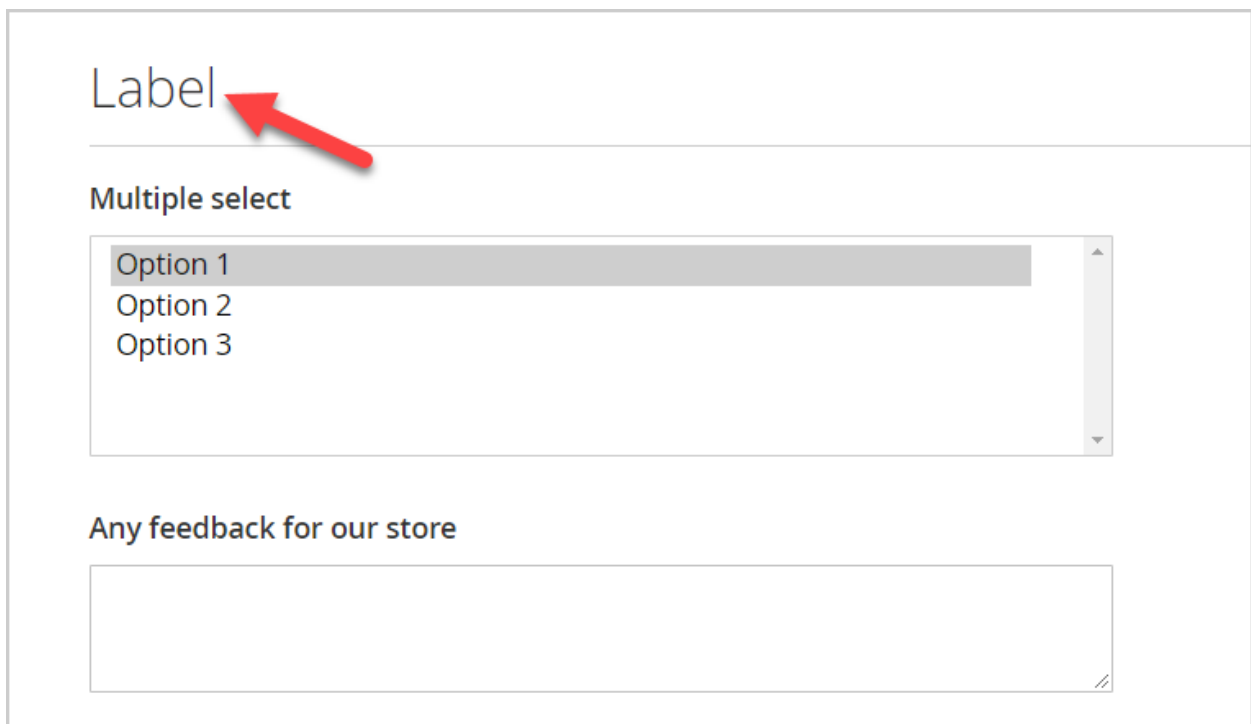


10. HTML: Those fields whose input type is HTML are not available for customers to fill up but admins in the backend. It's because the field with this input type enables entering codes, which attackers can then insert a malicious string that might cause harm to your website.

- You must fill in its Default Value field when using this input type. Otherwise, its value field will not appear in the frontend.
- The HTML input type provides you with an advanced set of tools to perform different work such as adding headings, styling texts (Bold, italic, underline), inserting images/links, etc.



11. Label: This input type is often used to create the title for a section. For example, the title for related order attributes. That's why the font size of its label is set to be larger than others. One thing you need to note is, the attribute value is the same as the attribute name.



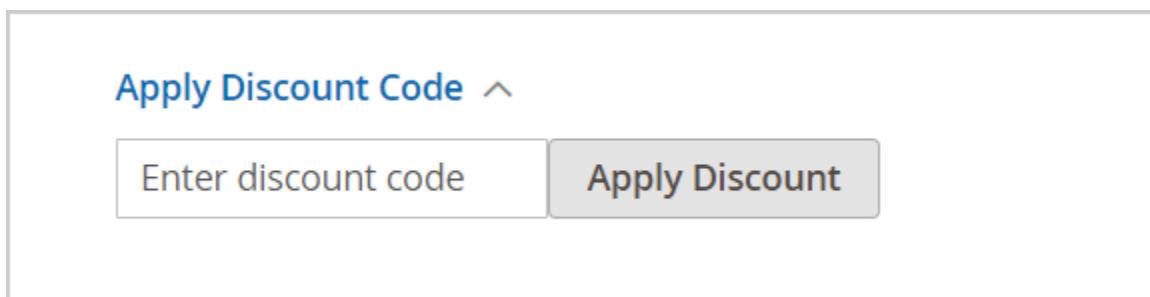
Label

Multiple select

- Option 1
- Option 2
- Option 3

Any feedback for our store

12. Apply Coupon Code: This input type is used to create a field in which customers can enter discount codes.



Apply Discount Code ^

Enter discount code

Apply Discount



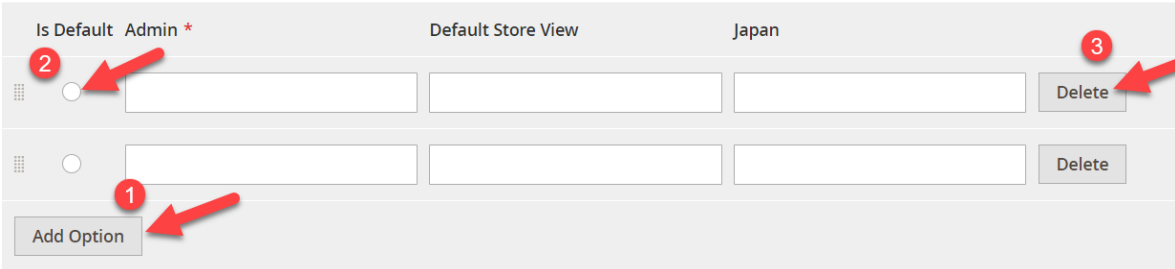
 Make note:

❖ When you select Dropdown or Multiple select, there appears a section called Manage Option which allows you:


- (1) add options (attributes value).
- (2) preselect the default value by ticking its checkbox in Is Default.
- (3) Click Delete to remove an option.

Manage Options (Values of Your Attribute)

Is Default	Admin *	Default Store View	Japan	
<input checked="" type="checkbox"/>				<input type="button" value="Delete"/>
<input type="checkbox"/>				<input type="button" value="Delete"/>
<input type="button" value="Add Option"/>				



- Value Required: When you choose Yes for Value Required, customers can't leave the field blank. If customers don't fill the field out, a notification "This is a required field" will show up right on the image below. For required attribute fields, their labels are marked with a red asterisk.

A screenshot of a form field. The label "Any feedback for our store \*" is at the top left, with a red asterisk. A red arrow points to the asterisk. Below the label is a large, empty rectangular text input field with a thin red border. At the bottom left of the form, the text "This is a required field." is displayed in red. A small cursor icon is visible in the bottom right corner of the text input field.

## b. Advanced Attribute Properties

### Advanced Attribute Properties

**Attribute Code**   
This is used internally. Make sure you don't use spaces or more than 60 symbols.

**Default Value**

**Default Tooltip**   
This is the property to give hints to the field.

**Input Validation**  ▼

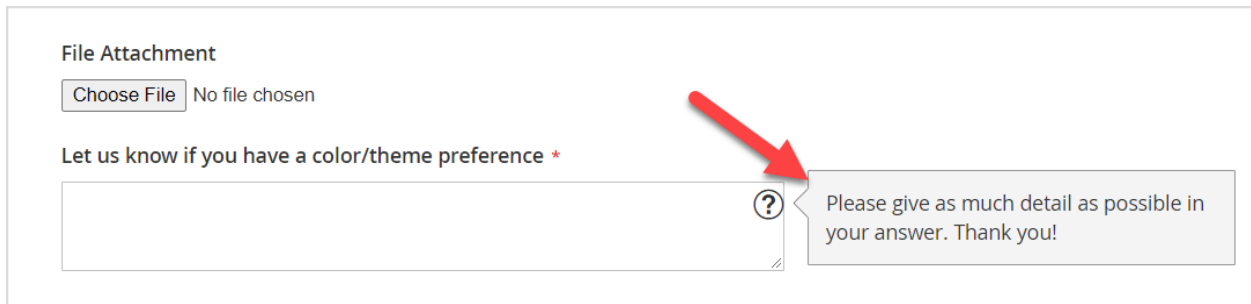
- **Attribute Code:** Set the code for the attribute. Make sure you do not use spaces or more than 60 characters. These characters are letters (a-z or A-Z), numbers (0-9), or underscore (\_). And the first character should be a letter.
  - ❖ You can include attribute code in templates of sales order emails.
  - ❖ If you leave this field blank, it is based on the default value.
  - ❖ Attribute code is used in sales-related emails (New Order, New Invoice, .ect).

- **Default Value:** Set the value which will be, by default, prefilled on the checkout page.

 Make note:

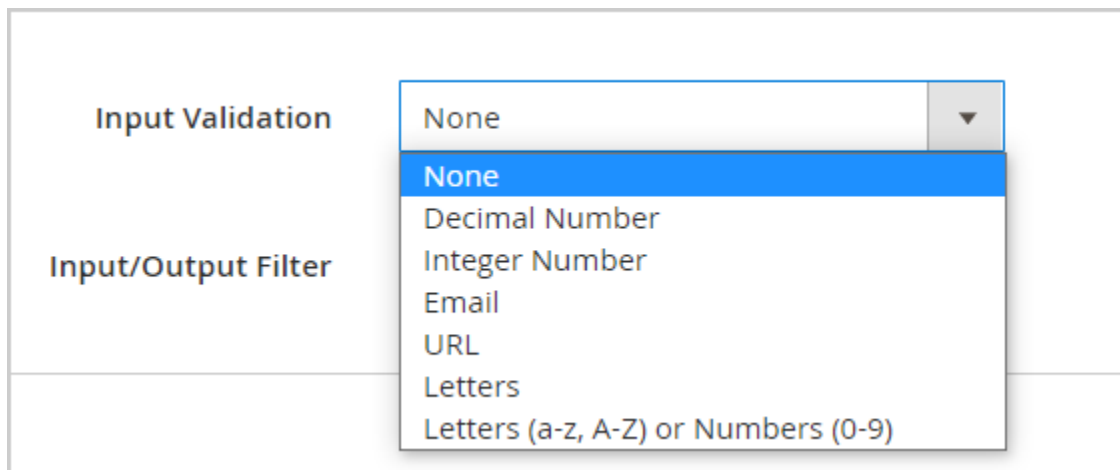
- ❖ The Default Value field appears when the input types are Text Field, Text Area, Date, Yes/No, HTML.

- **Default Tooltip:** This field allows you to add specific instructions on filling the attribute field, helping customers know what they should fill in the field.



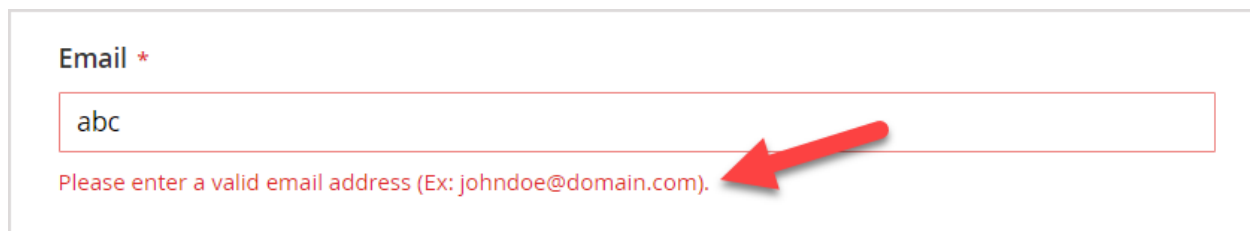
The screenshot shows a form section titled "File Attachment" with a "Choose File" button and the text "No file chosen". Below this is a text area with the label "Let us know if you have a color/theme preference \*". A red arrow points from the text area to a tooltip box that contains the text "Please give as much detail as possible in your answer. Thank you!".

- Input Validation: Input Validation helps prevent customers from filling in the field with the wrong input format through a notification.
  - ❖ The Input Validation field shows up only when the input type is Text Field.
  - ❖ Six input validation rules specify the accepted value in the field:



The screenshot shows a configuration interface with two sections: "Input Validation" and "Input/Output Filter". A dropdown menu is open, displaying the following options: "None", "Decimal Number", "Integer Number", "Email", "URL", "Letters", and "Letters (a-z, A-Z) or Numbers (0-9)". The "Email" option is highlighted in blue.

- ❖ For example, when I created an order field in which customers must enter their email addresses. So the chosen input validation here is **Email**. If a customer provides invalid input for the field, a notification will appear like below:



The screenshot shows a form field labeled "Email \*". The field contains the text "abc". Below the field, a red error message reads: "Please enter a valid email address (Ex: johndoe@domain.com)". A red arrow points to the error message.

## 4.2.2. Manage Labels & Tooltips

### a. Manage Labels

**Manage Labels** ⌵

Default Store View	Japan
<input type="text"/>	<input type="text"/>

---

- Enter the translated attribute label in each store view in case you are controlling multiple stores
- If you don't fill in these fields, the default label in the **Properties** tab will be used in all store views.

### b. Manage Tooltips

**Manage Tooltips** ⌵

Default Store View	Japan
<input type="text"/>	<input type="text"/>

---

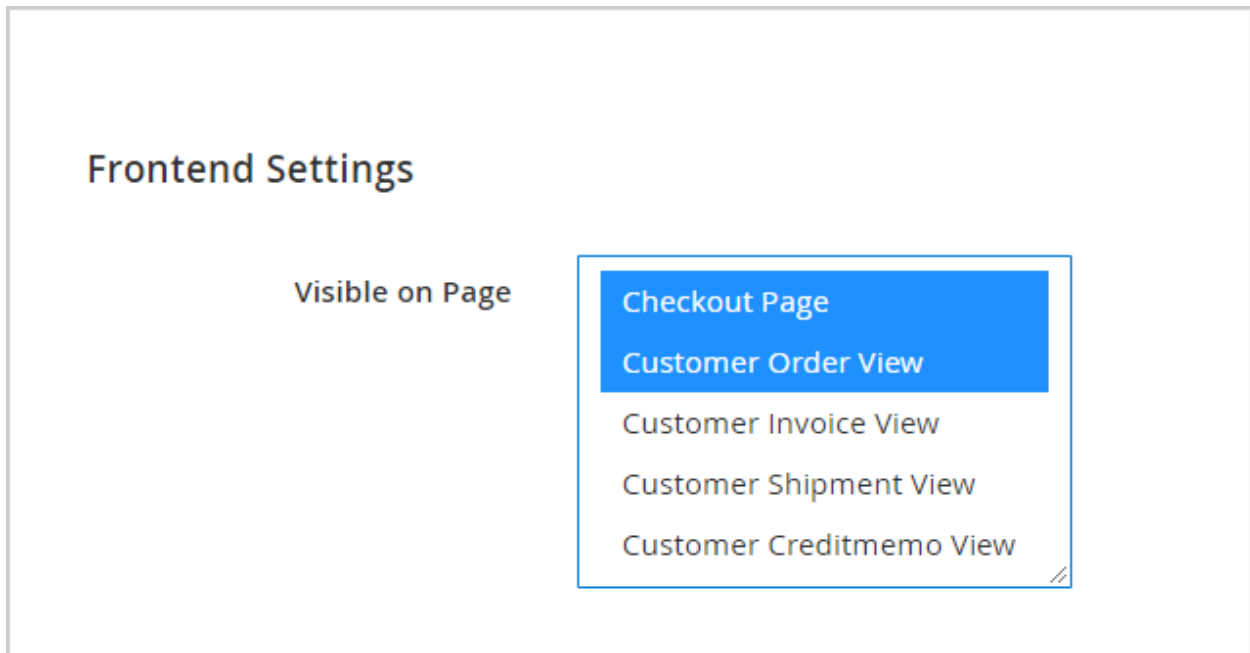
- If you have different store views, enter the attribute's tooltip that matches the language of the store view. Otherwise, you can skip this section.

## 4.2.3. Display Settings

As mentioned earlier, this section allows you to manage the attribute display settings, including Frontend settings, backend settings, PDFs and Email settings, Advanced Settings.

### a. Frontend Settings

- **Visible on Page:** Select the frontend page that the order attribute appears:



The screenshot shows the 'Frontend Settings' section. Under the heading 'Visible on Page', there is a dropdown menu with the following options: 'Checkout Page', 'Customer Order View', 'Customer Invoice View', 'Customer Shipment View', and 'Customer Creditmemo View'. The 'Customer Order View' option is currently selected and highlighted in blue.

## b. Backend Settings

- **Visible on Page & Visible in Grid:** Select the positions in the backend to display the attribute.

### Backend Settings

**Visible on Page**

- Order View
- Invoice View
- Shipment View
- Creditmemo View

**Visible in Grid**

- Order Grid
- Invoice Grid
- Shipment Grid
- Creditmemo Grid



### c. General Settings

- Choose the email template(s) and PDF document(s) in which you want to include the attribute.

#### General Settings

**Visible in Email**

- Order Email
- Invoice Email
- Shipment Email
- Creditmemo Email

**Visible in PDF**

- Order PDF
- Invoice PDF
- Shipment PDF
- Creditmemo PDF

## d. Advanced Settings

### Advanced Settings

**Position on Checkout**

**Show Label**   
Show the field label in frontend & backend order details and PDFs

**Sort Order**   
The smaller the number is, the higher priority the attribute has

**Show on Store View**

- All Store Views
- Main Website**
  - Main Website Store**
    - Default Store View
    - Japan

**Visible to Customer Group**

- NOT LOGGED IN
- General
- Wholesale
- Retailer

- **Position on Checkout:** Select the checkout position in which the attribute field is visible. There are six checkout positions to choose from:

Position on Checkout

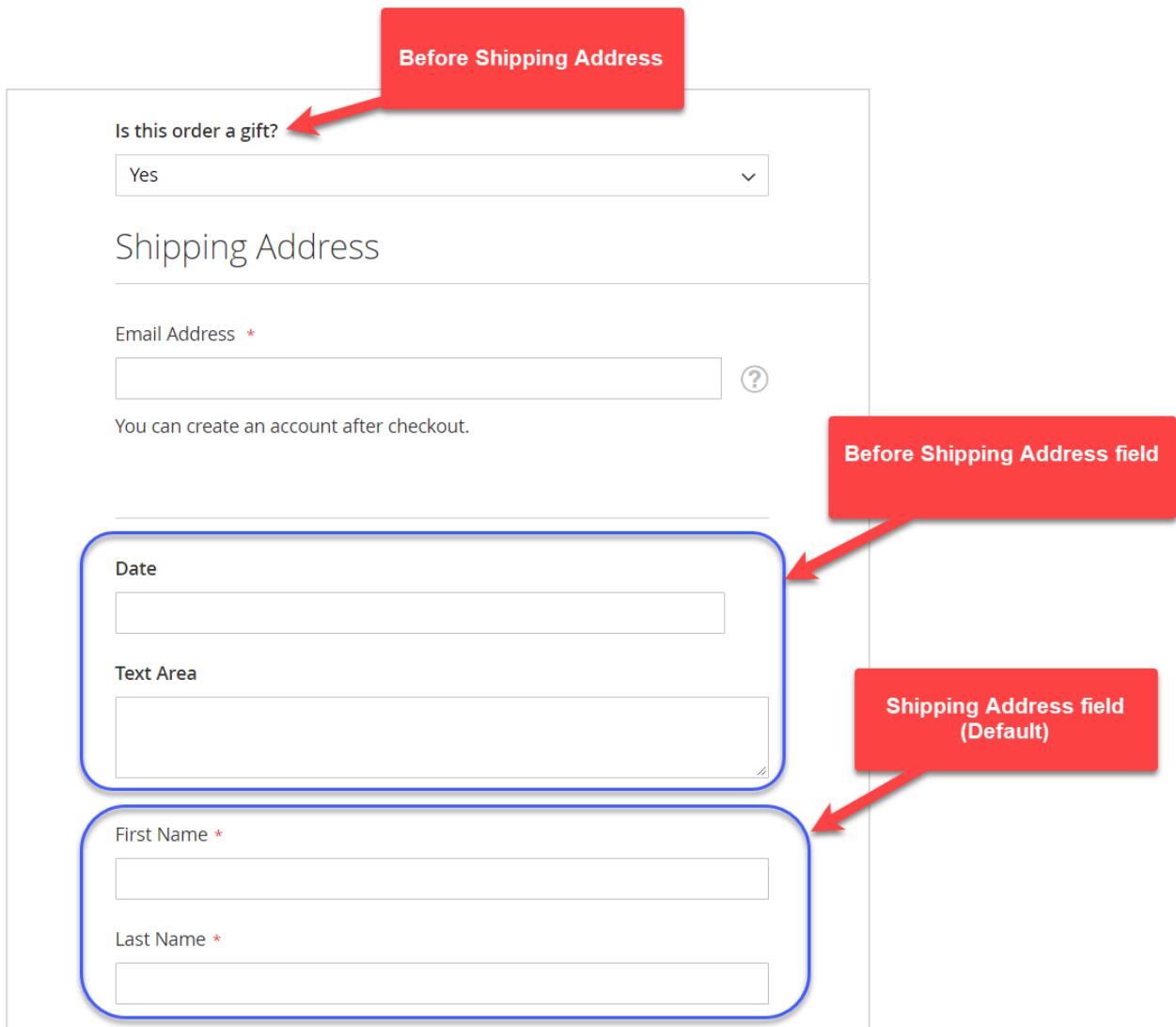
Before Shipping Address	▼
<b>Shipping</b>	
Before Shipping Address	
After Shipping Address	
Before Shipping Address Fields	
After Shipping Address Fields	
<b>Shipping Method</b>	
Before Shipping Method	
After Shipping Method	
<b>Payment</b>	
Before Payment Methods	
After Payment Methods	

 Make note:

- ❖ Be sure you are not logged in to identify each position quickly.

## ❖ Shipping Address

### + Before Shipping Address & Before Shipping Address Field:



The image shows a screenshot of a shipping address form with several annotations. A red box labeled "Before Shipping Address" points to the "Is this order a gift?" dropdown menu. Another red box labeled "Before Shipping Address field" points to the "Date" field. A third red box labeled "Shipping Address field (Default)" points to the "First Name" and "Last Name" fields. The form includes a "Shipping Address" section with an "Email Address" field and a "Date" field. Below the "Date" field is a "Text Area". The "First Name" and "Last Name" fields are required, indicated by asterisks.

Is this order a gift? **Before Shipping Address**

Yes

Shipping Address

Email Address \*

**Before Shipping Address field**

You can create an account after checkout.

Date

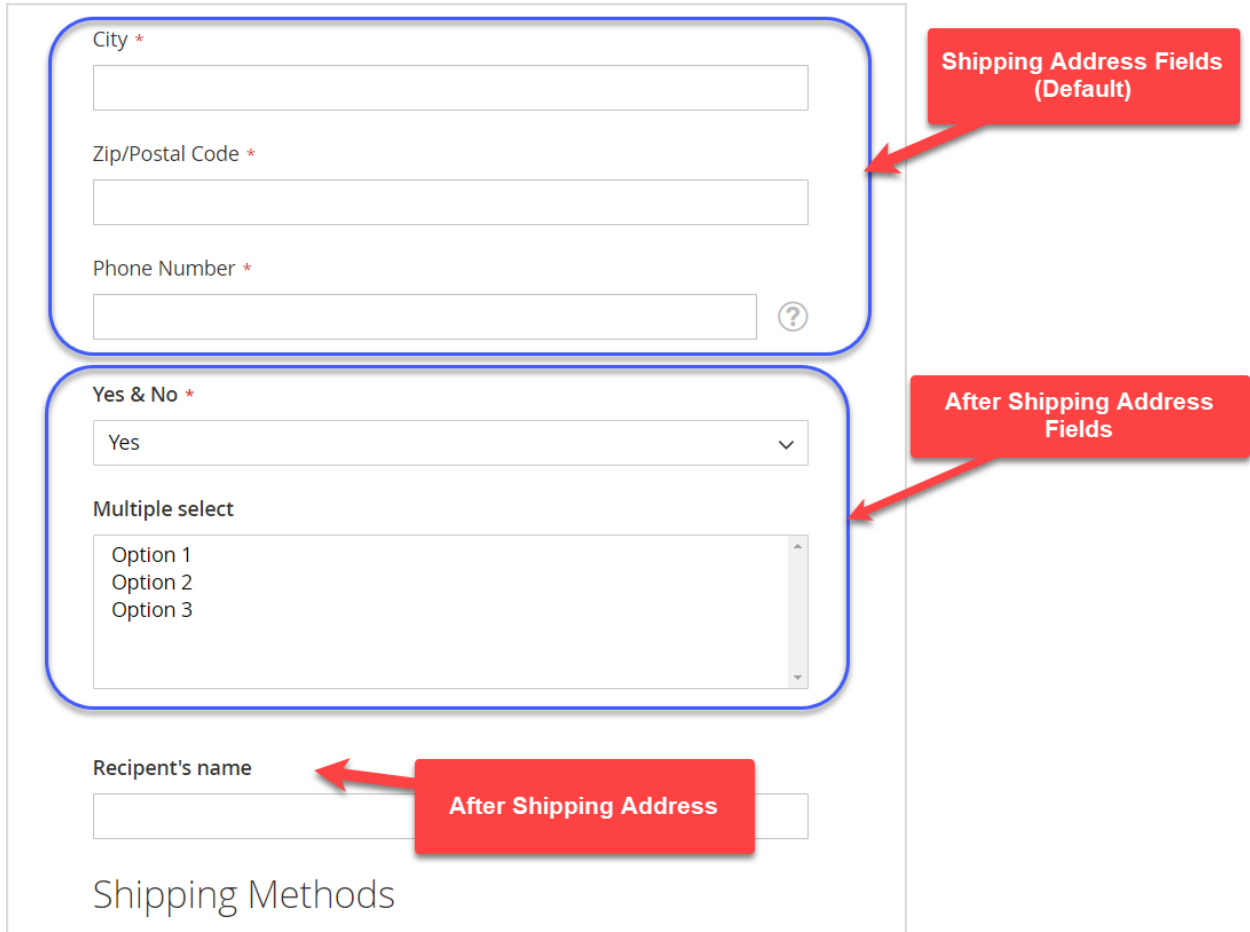
Text Area

**Shipping Address field (Default)**

First Name \*

Last Name \*

+ After Shipping Address & After Shipping Address Field:



The image shows a form with several sections. The first section, titled "City \*", "Zip/Postal Code \*", and "Phone Number \*", is enclosed in a blue rounded rectangle. A red callout box labeled "Shipping Address Fields (Default)" has an arrow pointing to this section. The second section, titled "Yes & No \*" and "Multiple select", is also enclosed in a blue rounded rectangle. A red callout box labeled "After Shipping Address Fields" has an arrow pointing to this section. Below these is a "Recipient's name" field with a red callout box labeled "After Shipping Address" pointing to it. At the bottom, the text "Shipping Methods" is visible.

- **Shipping Methods:**

Is this order a gift?

Yes


---

Shipping Methods

<input type="radio"/> \$5.00	Fixed	Flat Rate
<input type="radio"/> \$15.00	Table Rate	Best Way

Date 2

**Next**



- **Payment Methods:**

Select



Payment Method

Check / Money order

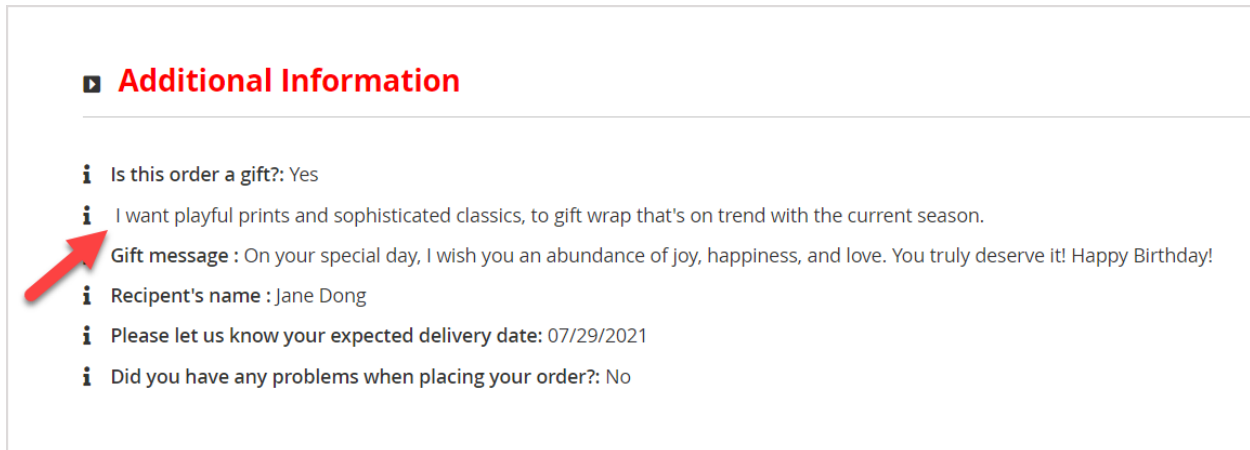
My billing and shipping address are the same

Veronica Costello  
6146 Honey Bluff Parkway  
Calder, Michigan 49628-7978  
United States  
(555) 229-3326

Apply Discount Code



- **Show Label:** Choose **Yes/No** to show/hide the attribute label in both backend and frontend order details and PDFs. If you choose No, only its attribute value(s) are displayed in these positions. Below is an illustration image.



- **Sort Order:** Enter a number to define the order of the attribute field at a step of checkout. If you want to change the order between the attribute fields A and B, make sure they are at the same checkout step.
  - ❖ The smaller the number is, the higher the priority is. Therefore, attributes with higher priority will be displayed above.
  - ❖ If you leave the field blank, the **Sort Order** will be automatically set to 0 after being saved.
  - ❖ If several fields whose sort order is set to 0, their positions are determined by the creation time. The more recently the attribute is created, the more prior the attribute is.
  - ❖ **Sort Order** is particularly useful when one attribute is dependent on another. Once you've chosen a specific attribute value(s) of the parent attribute(s), the child attribute field should appear right below the parent one. This makes the filling logical and convenient for your customers.



- **Show on Store View:** Select the store view to show the attribute in.
- **Visible to Customer Group:** Select the customer group that can see the attribute.

## 4.2.4. Conditions

This feature helps you to assign specific order attributes to the cart that matches given conditions. There are four types of conditions you can set:

- Product Attribute Combination
- Product Subselection
- Condition Combinations
- Cart Attribute

Apply the rule only if the following conditions are met (leave blank for all products).

If **ALL** of these conditions are **TRUE** :

Please choose a condition to add. ▼

- Please choose a condition to add.
- Product attribute combination 1
- Products subselection 2
- Conditions combination 3
- Cart Attribute 4**
- Subtotal (Excl. Tax)
- Subtotal
- Total Items Quantity
- Total Weight
- Payment Method
- Shipping Method
- Shipping Postcode
- Shipping Region
- Shipping State/Province
- Shipping Country

rights res

a. **Product Attribute Combination:** enables you to set conditions for an order attribute to display using:

- ❖ Product attributes (Color, Size, Material, .etc)
- ❖ Cart item attributes (Price in cart, Quantity in cart, Row total in cart).

For instance, we want to give our customers 15% off all summer products. Then, we'll create an order attribute named **Apply Coupon Code**. This attribute will be set to show on the checkout page if a customer's cart has any summer product.

The chosen product attribute here is **Climate**, and its value is **Hot**.

Apply the rule only if the following conditions are met (leave blank for all products).


If ALL of these conditions are TRUE :

If an item is **FOUND** in the cart with **ALL** of these conditions true: ❌

Climate **contains** Hot ❌



Here is the result:

Apply Summer Coupon Code 

### Payment Method

Check / Money order

My billing and shipping address are the same




Veronica Costello  
6146 Honey Bluff Parkway  
Calder, Michigan 49628-7978  
United States  
[\(555\) 229-3326](tel:(555)229-3326)

**Place Order**

### Order Summary

Cart Subtotal	\$199.00
Shipping Best Way - Table Rate	\$0.00
Tax	\$13.61
<b>Order Total</b>	<b>\$212.61</b>

5 Items in Cart ^

-  Strive Shoulder Pack  
Qty: 1  
\$32.00
-  Stellar Solar Jacket  
Qty: 1  
\$75.00  
[View Details](#) ∨
-  Fiona Fitness Short  
Qty: 1  
\$29.00  
[View Details](#) ∨

- b. **Product Subselection:** The condition is applied for the specified quantity or amount of certain items in the cart. And these items must satisfy a given sub-condition. As a result, the attribute will appear on the checkout page.

For example, the **Voucher Code** attribute field will show on the checkout page when the cart satisfies the following condition: The cart must contain three items and must be all Black.

If there are no black items or the total number of black items is not 3 (more than or fewer than), then the attribute field will not appear.

Apply the rule only if the following conditions are met (leave blank for all products).


If **ALL** of these conditions are **TRUE** :

If **total quantity is 3** for a subselection of items in cart matching **ALL** of these conditions: ❌

Color is **Black** ❌



Here is the result:

Voucher Code 

### Payment Method

Check / Money order

My billing and shipping address are the same

Veronica Costello  
6146 Honey Bluff Parkway  
Calder, Michigan 49628-7978  
United States  
(555) 229-3326

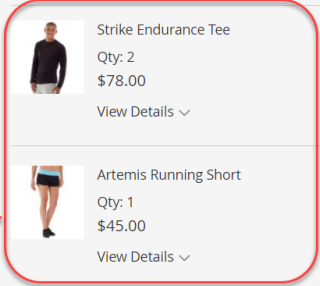
[Apply Discount Code](#) ▾



[Place Order](#)


### Order Summary

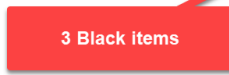
Cart Subtotal	\$200.00
Discount	-\$40.00
Shipping Best Way - Table Rate	\$0.00
Tax	\$13.20
<b>Order Total</b>	<b>\$173.20</b>

5 Items in Cart



-  Strike Endurance Tee  
Qty: 2  
\$78.00  
[View Details](#) ▾
-  Artemis Running Short  
Qty: 1  
\$45.00  
[View Details](#) ▾

-  Maxima Drawstring Short  
Qty: 1  
\$28.00

 **3 Black Items**

- c. **Conditions Combination:** This allows you to combine at least 2 of the other three condition types, which are often used for complex situations.

In the example below, I applied two types of conditions to the **Coupon Code** order attribute field at once:

- (1) Product Attribute Combination (particularly Cart Item Attribute)
- (2) Cart Attribute.






The logic here is: **Show the Coupon Code** field when a customer:

- + spends more than \$100
- + and pays with Check/Money order.

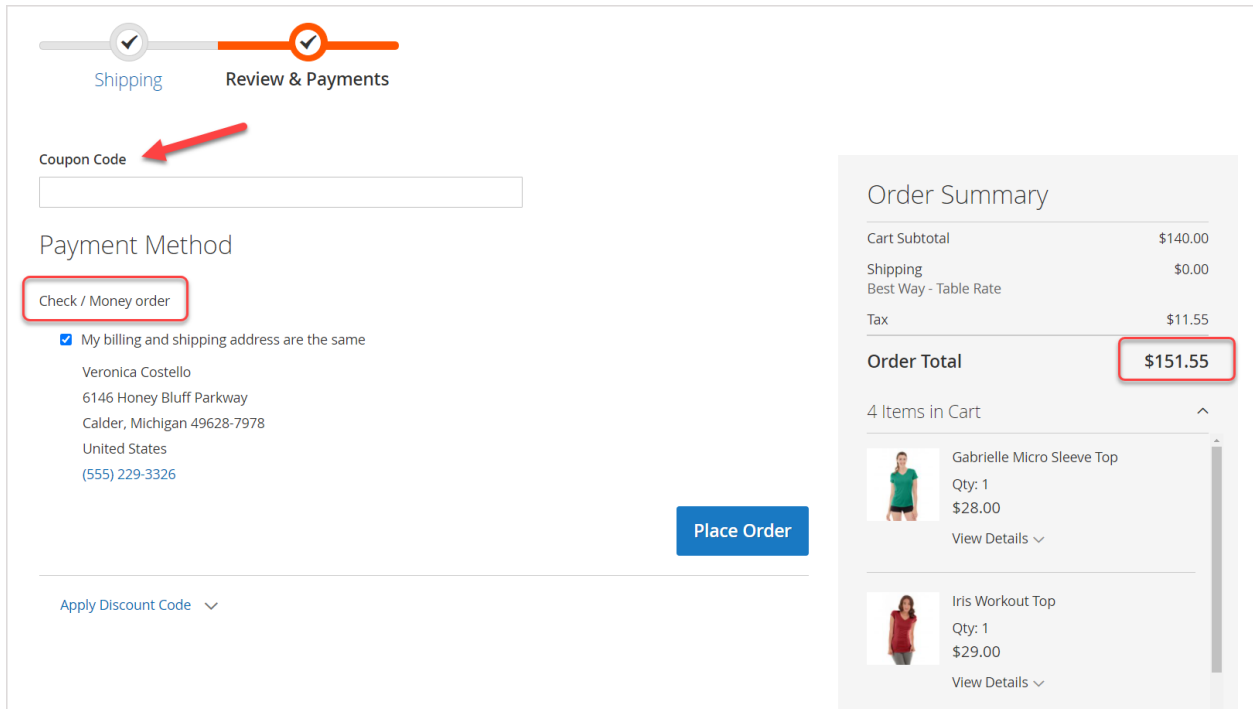
Apply the rule only if the following conditions are met (leave blank for all products).

---

If **ALL** of these conditions are **TRUE** :

- If an item is **FOUND** in the cart with **ALL** of these conditions true:  **1**
  - Price in cart **greater than \$100** 
  - 
- Payment Method is **Check / Money order**  **2**
  - 

Let's check the frontend:



The screenshot displays the checkout process in the 'Review & Payments' stage. At the top, a progress bar shows 'Shipping' as completed and 'Review & Payments' as the current step. Below this, there is a 'Coupon Code' field with a red arrow pointing to it. The 'Payment Method' section has 'Check / Money order' selected and highlighted with a red box. A checkbox for 'My billing and shipping address are the same' is checked. The shipping address is listed as Veronica Costello, 6146 Honey Bluff Parkway, Calder, Michigan 49628-7978, United States, with phone number (555) 229-3326. A blue 'Place Order' button is visible. On the right, the 'Order Summary' shows a subtotal of \$140.00, shipping of \$0.00, and tax of \$11.55, resulting in an 'Order Total' of \$151.55, which is also highlighted with a red box. Below the summary, two items are listed in the cart: 'Gabrielle Micro Sleeve Top' for \$28.00 and 'Iris Workout Top' for \$29.00.

Item	Qty	Price
Gabrielle Micro Sleeve Top	1	\$28.00
Iris Workout Top	1	\$29.00

Category	Amount
Cart Subtotal	\$140.00
Shipping (Best Way - Table Rate)	\$0.00
Tax	\$11.55
<b>Order Total</b>	<b>\$151.55</b>


- a. **Cart Attribute:** This allows you to set conditions based on cart attributes (Subtotal, Total Items Quantity, Total Weight, Shipping Method, etc.) to show an order attribute on the checkout page.


Let me give you an example. To display the attribute field “**Enter Save10 to get 10% off**” when a customer’s cart has three items in total, I will use the Total Items Quantity cart attribute to set the condition.

Apply the rule only if the following conditions are met (leave blank for all products).

---

If **ALL** of these conditions are **TRUE** :

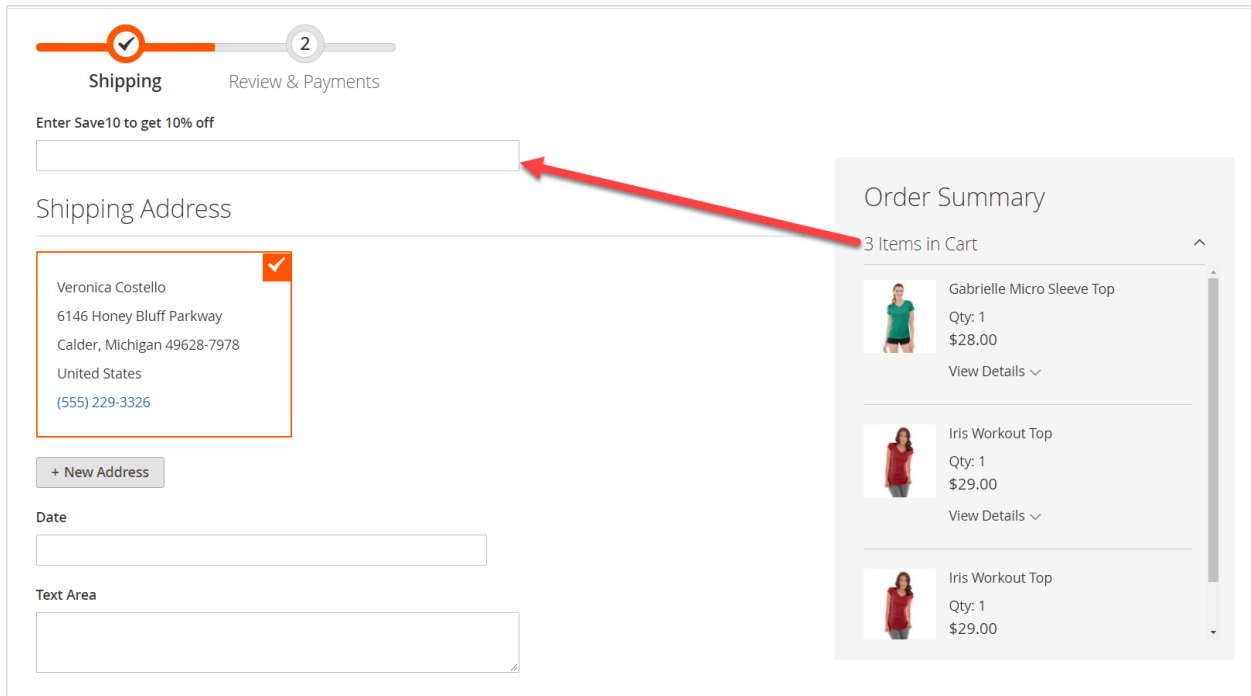
Total Items Quantity is 3 

Please choose a condition to add. 

- Please choose a condition to add.
- Product attribute combination
- Products subselection
- Conditions combination
- Cart Attribute**
- Subtotal (Excl. Tax)**
- Subtotal
- Total Items Quantity
- Total Weight
- Payment Method
- Shipping Method
- Shipping Postcode
- Shipping Region
- Shipping State/Province
- Shipping Country



Let's check the frontend:



The screenshot displays the checkout process in the Shipping step. At the top, a progress bar shows 'Shipping' as the active step (marked with a checkmark) and 'Review & Payments' as the next step (marked with the number 2). Below the progress bar, there is a promotional message: 'Enter Save10 to get 10% off' followed by an empty input field. A red arrow points from the 'Order Summary' sidebar to this input field. The 'Shipping Address' section contains a selected address for Veronica Costello, with a '+ New Address' button below it. There are also fields for 'Date' and 'Text Area'. On the right, the 'Order Summary' sidebar shows '3 Items in Cart' with a scrollable list of items: Gabrielle Micro Sleeve Top (Qty: 1, \$28.00) and two units of Iris Workout Top (Qty: 1, \$29.00 each).

Shipping

Review & Payments

Enter Save10 to get 10% off

Shipping Address

Veronica Costello  
6146 Honey Bluff Parkway  
Calder, Michigan 49628-7978  
United States  
(555) 229-3326

+ New Address

Date

Text Area

Order Summary

3 Items in Cart

- Gabrielle Micro Sleeve Top  
Qty: 1  
\$28.00  
View Details
- Iris Workout Top  
Qty: 1  
\$29.00  
View Details
- Iris Workout Top  
Qty: 1  
\$29.00

## V) Dependent Order Attributes

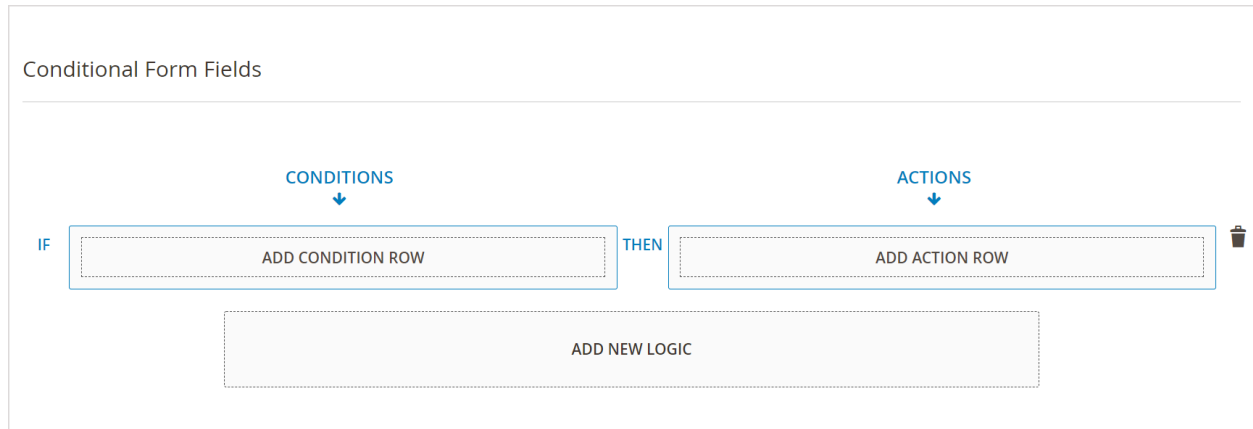
This section will guide you on creating dependencies between order attributes - specifically to show or hide order fields depending on a user's selection.

 Make note:

Their input types must be the following so that you can create attribute dependencies:

- Dropdown
- Multiple Select
- Yes/No

Here is our workspace:



There are two parts: Conditions and Actions.

- The **CONDITIONS** column lets you add **If** statements.
- The **ACTIONS** allows adding **Then** statements.

Simply put, if your customer’s answers match the set conditions, these actions will be triggered.

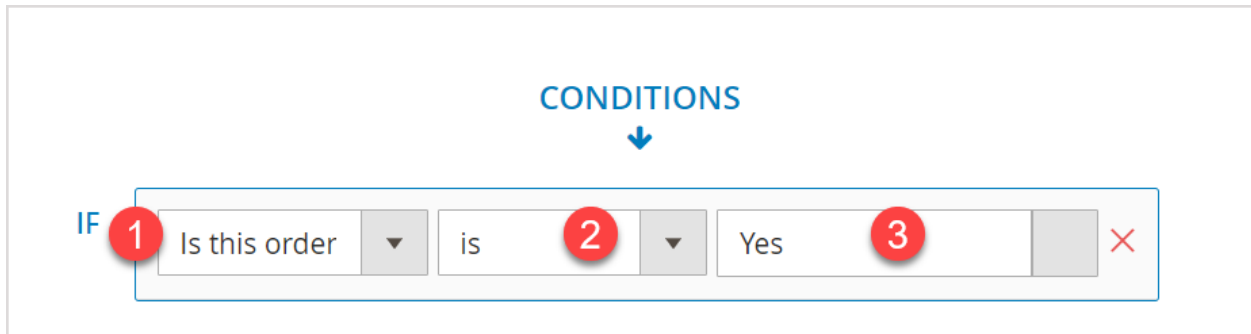
## 5.1. Basic Conditional Logic

Let me give you a specific example:

- Parent attribute: **Is this order a gift?**
- Dependent attribute: **Let us know if you have a color/theme preference.**

We’ll set the logic to say: Show the order attribute field “**Let us know if you have a color/theme preference**” on the checkout page if the parent attribute “**Is this order a gift**” is set to **Yes**.

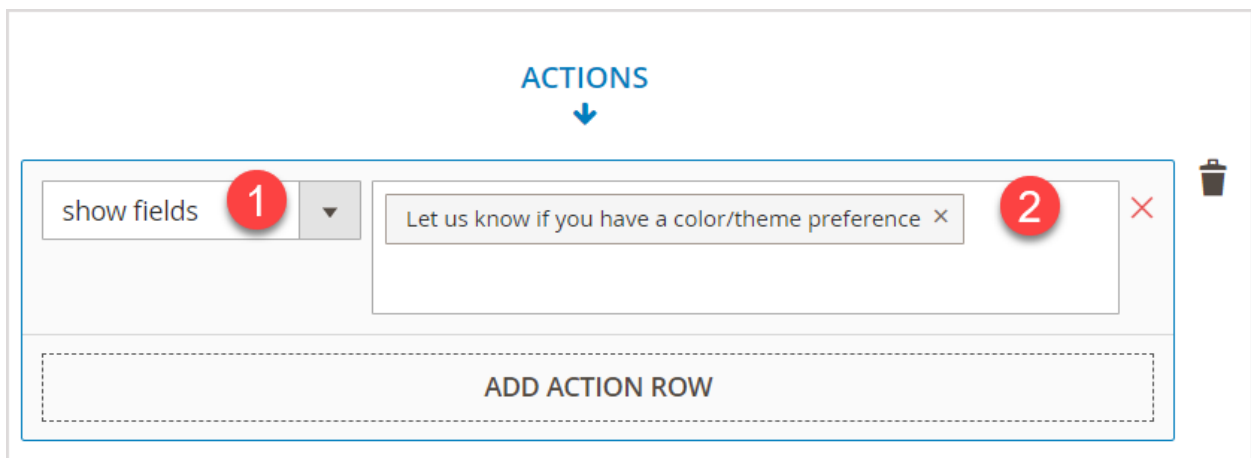
**Step 1:** Under **Condition**, click **Add Condition Row**.



The screenshot shows the 'CONDITIONS' section with a blue arrow pointing down to a condition row. The row is labeled 'IF' and contains three fields: 'Is this order' (with a red circle '1' over the dropdown arrow), 'is' (with a red circle '2' over the dropdown arrow), and 'Yes' (with a red circle '3' over the text). A trash icon is visible on the right side of the row.

- (1) Select “**Is this order a gift?**” as a parent attribute.
- (2) Choose “**is**” to affirm the specified attribute value.
- (3) Pick **Yes** as the specified attribute value.

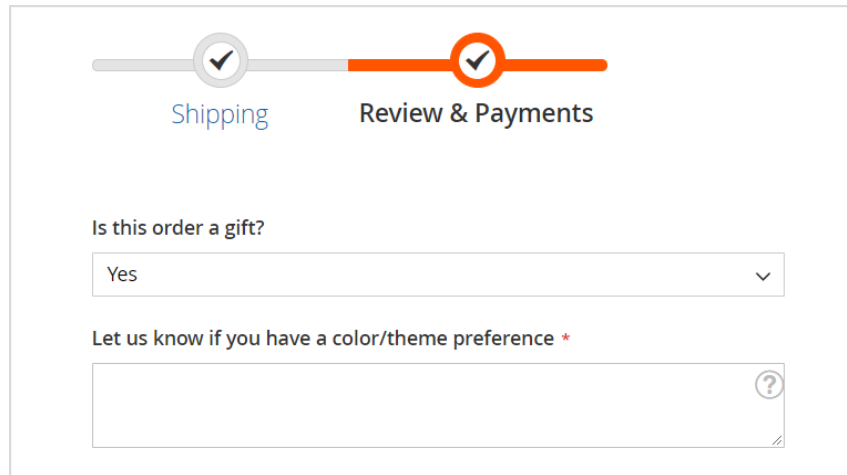
**Step 2:** Under **Actions**, have a click on **Add Actions Row**.



The screenshot shows the 'ACTIONS' section with a blue arrow pointing down to an action row. The row contains two fields: 'show fields' (with a red circle '1' over the dropdown arrow) and 'Let us know if you have a color/theme preference' (with a red circle '2' over the text). A trash icon is visible on the right side of the row. Below the row is a dashed box labeled 'ADD ACTION ROW'.

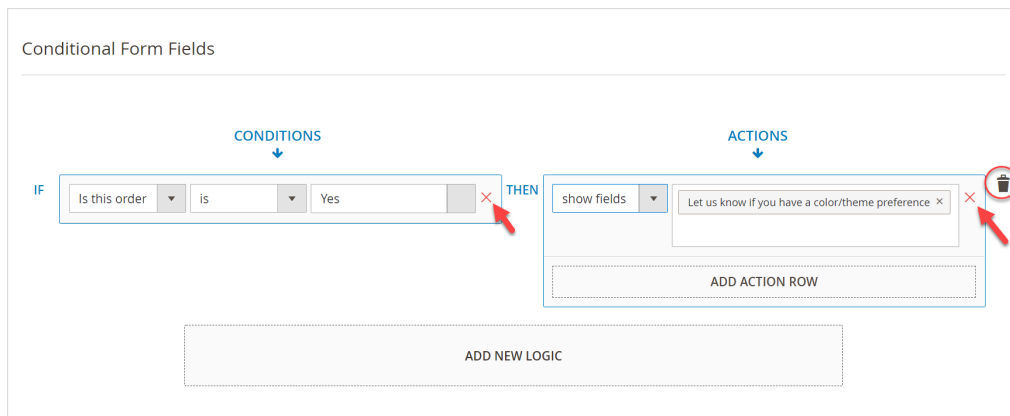
- (1) Choose “**show fields**” to cause the dependent field to be shown when the condition is met.
- (2) Select the attribute “**Let us know if you have a color/theme preference**” as the dependent one.

Let's see the result in the front end. Now, when we select the **Yes** option in the field **“Is this order a gift?”**, the dependent field **“Let us know if you have a color/theme preference”** will show up. Otherwise, this child field will remain hidden.



**NOTE:**

- Suppose you want to replace the **If** statement or **Then** statement with another, click on the red Delete icon. Then, add your desired one as a replacement.
- To remove the entire conditional rule, click the trash bin icon on the right side of the table.



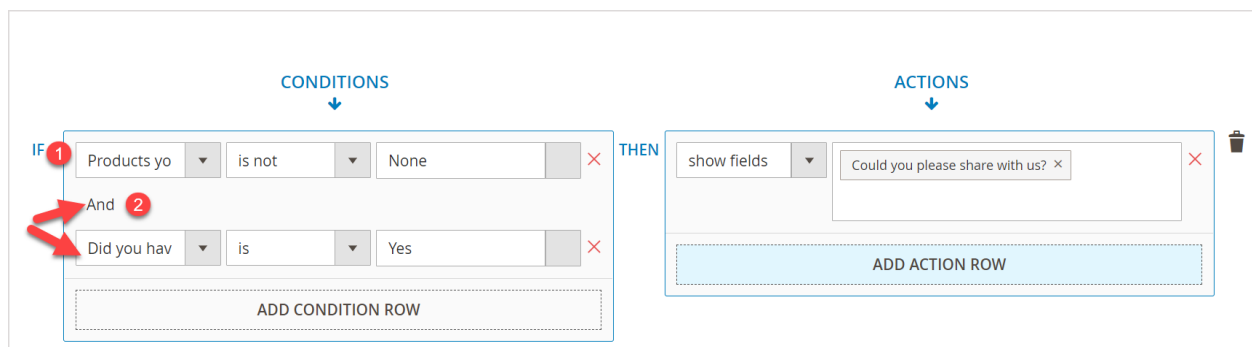
## 5.2. Complex Conditional Logic

You may find that a single conditional logic rule cannot serve some complex situations. No worries. With **Magento 2 Order Attributes**, you can add as many conditions as you want.

**NOTE:** When adding multiple conditions, be sure that they don't conflict with one another. Let me show you an example:

- (1) Determine the first rule: Show the **“Could you please share with us?”** dependent field if a customer chooses **None** for the **“Products you've purchased from us”** field. It means any option except **None** causes the dependent field to appear.
- (2) We have just created the first condition set. Next, we need to choose **AND or OR** conditional logic for the second condition.

In this case, we want the field **“Could you please share with us?”** to display on the checkout page if a customer selects any option(s) except **None (Jeans, Short, Jacket, or Sweater)** AND also has problems with his orders. Therefore, we'll directly click on **And** to add And logic.



- ❖ After done, hit **Save**. As a result, the “**Could you please share with us?**” field will only appear if both of these conditions are met.

**Products you've purchased from us**

Jeans

Short

Sweater

Jacket

None

**Did you have any problems when placing your order?**

Yes

**Could you please share with us?**

## VI) Include Order Attributes in Emails

To let customers know the answers they have given for each order field, you can include them in templates of correspondence emails (sale-related emails).

Take the New Order email template as an example. Below are two major steps to follow:

Step 1: Create a New Order email template including order attributes.

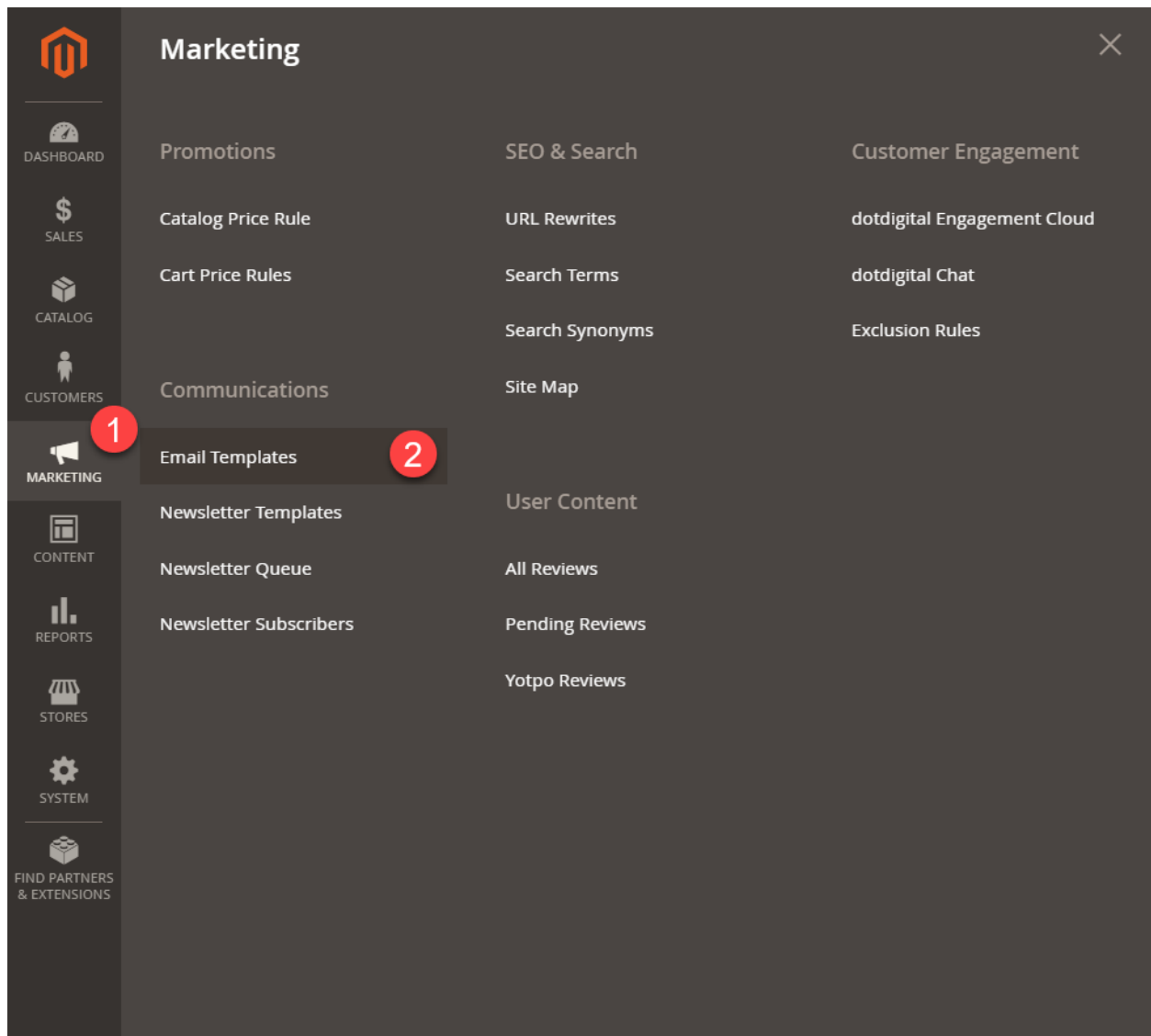
Step 2: Set the newly-created email template as the default New Order one.

Now we will show you how.





**Step 1:** Create a new order email template including order attributes.

- From the admin sidebar, go to **Marketing** → **Communications** → **Email Templates**.





- You will be redirected to an email template grid. To start, click **Add New Template**.

  admin ▾

**Add New Template**

20 ▾ per page < 1 of 1 >

Updated	Subject	Template Type	Action
From  To 	<input type="text"/>	<input type="text"/> ▾	
Jun 15, 2021, 1:35:24 AM	{{trans "Your %store_name order confirmation" store_name=\$store.frontend_name}}	HTML	<a href="#">Preview</a>
Jun 15, 2021, 1:36:39 AM	{{trans "Update to your %store_name order" store_name=\$store.frontend_name}}	HTML	<a href="#">Preview</a>

- You are now landing on the **New Template** page.

### Load Default Template

Template \*  1

2

### Template Information

Template Name \*  3

Template Subject \*

4

Template Content \* 

```

<p class="greeting">{{trans "%customer_name,"
customer_name=$order_data.customer_name}}</p>
<p>
  {{trans "Thank you for your order from %store_name."
store_name=$store.frontend_name}}
  {{trans "Once your package ships we will send you a tracking
number."}}
  {{trans 'You can check the status of your order by <a
href="%account_url">logging into your account</a>.'
```

Template Styles

- In the **Template** drop-down menu, select the **New Order (Custom)** email template.
- Click **Load Template**. The value of the field **Template Subject** and **Template Content** will then appear at once.
- Template name:** New Order.

- (4) Click **Insert Variable** to choose the order attribute you want to insert the attribute into **Template Content**.

#### Template Variables

Custom Order Attribute: Apply Coupon Code  
Custom Order Attribute: Is this order a gift?  
Custom Order Attribute: Products you've purchased from us  
Custom Order Attribute: Let us know if you have a color/theme preference  
Custom Order Attribute: Did you have any problems when placing your order?  
Custom Order Attribute: Could you please share with us?  
Custom Order Attribute: Gift message  
Custom Order Attribute: Recipient's name  
Custom Order Attribute: Please let us know your expected delivery date  
Billing Address  
Email Order Note  
Order Id  
Order Items Grid  
Payment Details  
Shipping Address  
Shipping Description  
Shipping message  
Order Created At (datetime)  
Store Frontend Name  
Store Phone  
Store Email  
Store Hours  
Customer Account URL  
Order Type  
Order  
Order DB Id  
Customer Name

In this case, we added 3 order attributes **Recipient's name**, **Gift message**, and **Apply Coupon Code** to the email template.

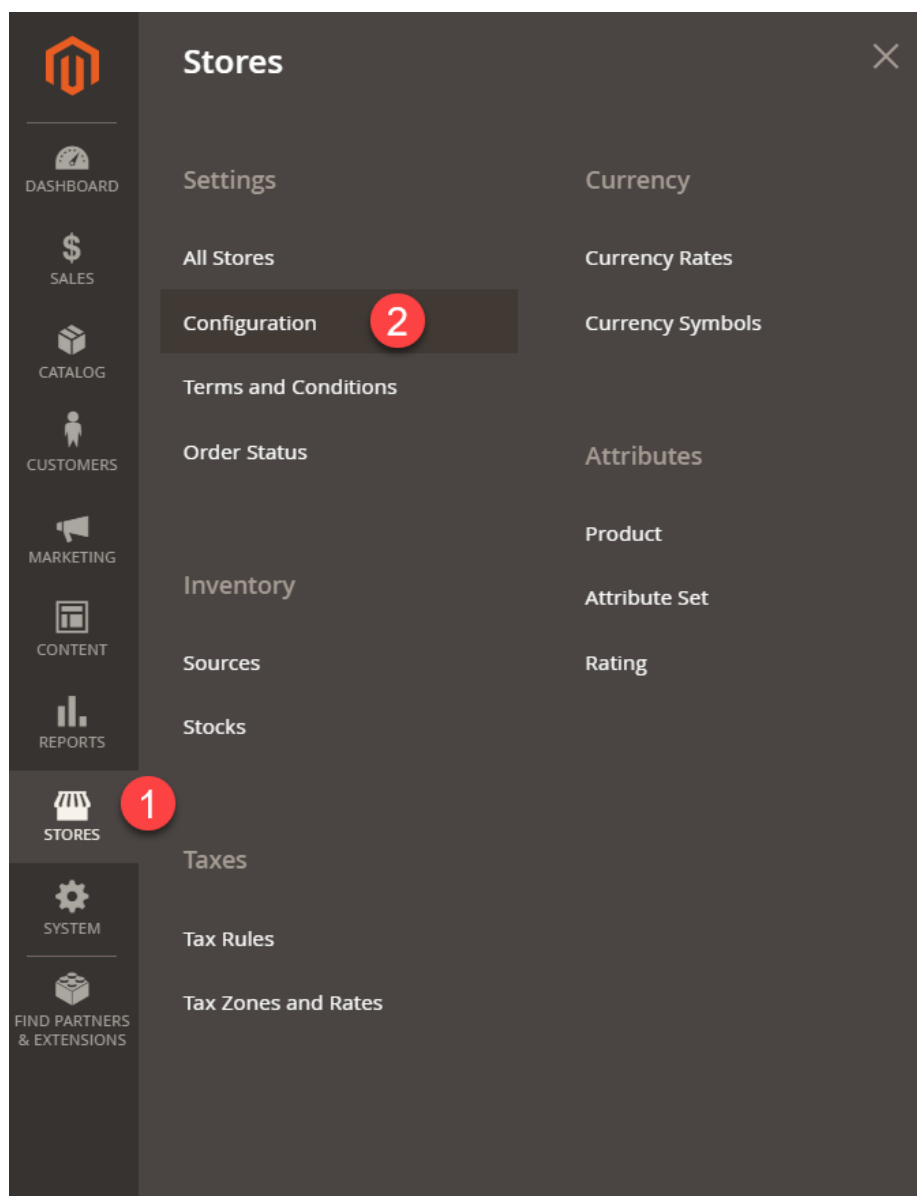
```
Template Content *
</td>
{{depend order_data.is_not_virtual}}
<td class="method-info">
  <h3>{{trans "Shipping Method"}}</h3>
  <p>{{var order.shipping_description}}</p>
  {{if shipping_msg}}
  <p>{{var shipping_msg}}</p>
  {{/if}}
</td>
{{/depend}}
</tr>
<tr>
<td width="60%"><p><strong>{{trans "Recipient's name: "}}</strong> {{var
order.recipient_s_name}}</p></td>
</tr>
<tr>
<td width="60%"><p><strong>{{trans "Gift message: "}}</strong> {{var order.gift_message}}</p>
</td>
</tr>
<tr>
{{trans "Apply Coupon Code: "}}{{var $order.apply_coupon_code}}
</tr>
</table>
{{layout handle="sales_email_order_items" order_id=$order_id area="frontend"}}
</td>
</tr>
</table>
<p>{{template config_path="design/email/footer_template"}}{{var shipping_msg}}</p>
```

- After finishing, click **Save Template**.

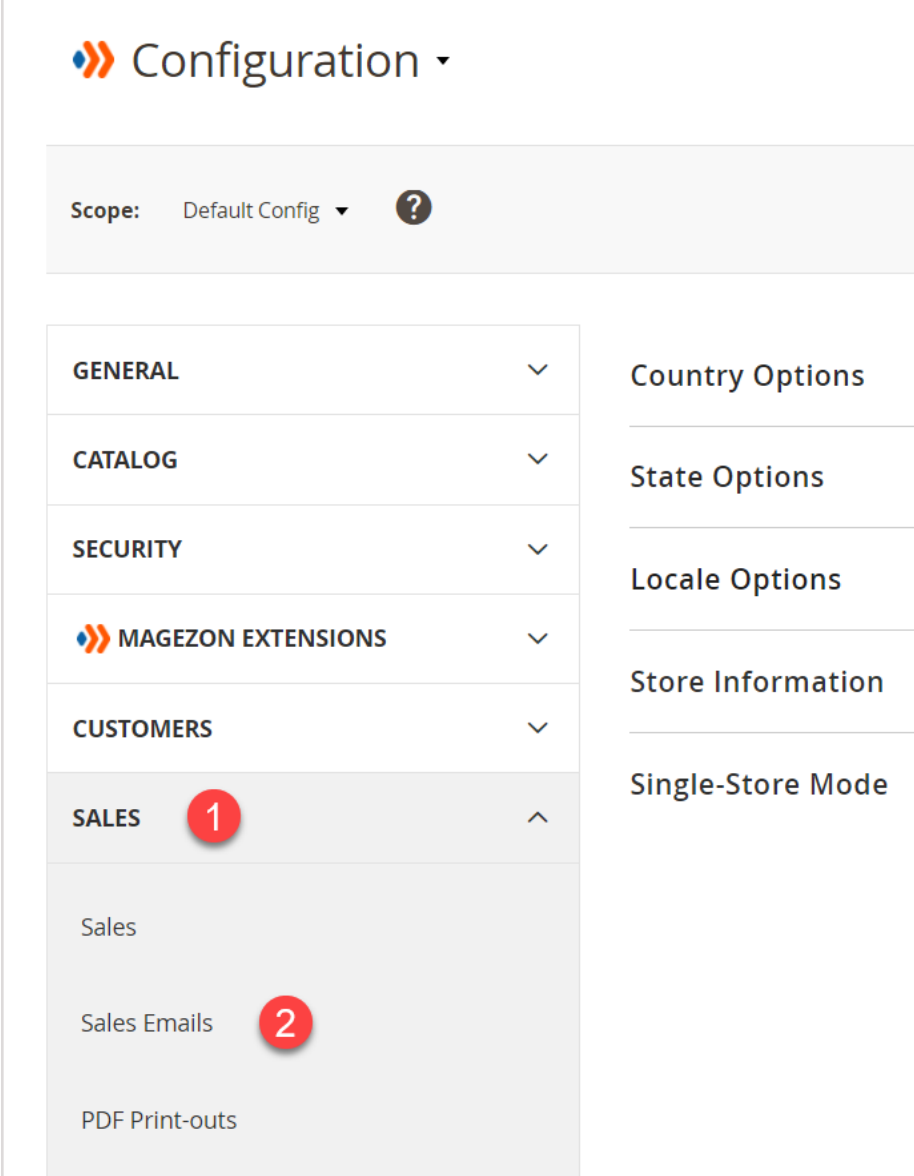
**Step 2:** Set the newly-created template as the default one.

After adding order attributes to the email template, we need to set the newly-created template as the default New Order template. Below are the steps to follow:

- From the admin sidebar, go to **Store** → **Settings** → **Configuration**.



- Expand **Sales**. Then, choose **Sales Emails**.



The screenshot shows the 'Configuration' page in the Magezon admin interface. At the top, there is a 'Configuration' header with a dropdown arrow. Below it, the 'Scope' is set to 'Default Config' with a help icon. The main content area is divided into two columns. The left column contains a vertical menu with categories: GENERAL, CATALOG, SECURITY, MAGEZON EXTENSIONS, CUSTOMERS, SALES, and PDF Print-outs. The 'SALES' category is expanded, and a red circle with the number '1' is placed next to it. Under 'SALES', there are three sub-items: 'Sales', 'Sales Emails', and 'PDF Print-outs'. The 'Sales Emails' sub-item is highlighted with a red circle and the number '2'. The right column contains a list of options: Country Options, State Options, Locale Options, Store Information, and Single-Store Mode.

- Then, you will be redirected to the **Sales Emails Configuration** page.

Under **Order**:

- (1) Untick **Use system value** that enables selecting any template.
- (2) Choose the template named **New Order (Custom)** from the dropdown list.

**Order**

<b>Enabled</b> <small>[store view]</small>	Yes	<input type="checkbox"/> Use system value
<b>New Order Confirmation Email Sender</b> <small>[store view]</small>	Sales Representative	<input type="checkbox"/> Use system value
<b>New Order Confirmation Template</b> <small>[store view]</small>	New Order (Custom)	<input type="checkbox"/> Use system value
<small>Email template chosen based on theme fallback when "Default" option is selected.</small>		
<b>New Order Confirmation Template for Guest</b> <small>[store view]</small>	New Order (Custom)	<input type="checkbox"/> Use system value
<small>Email template chosen based on theme fallback when "Default" option is selected.</small>		
<b>Send Order Email Copy To</b> <small>[store view]</small>		
<small>Comma-separated.</small>		
<b>Send Order Email Copy Method</b> <small>[store view]</small>	Bcc	<input checked="" type="checkbox"/> Use system value

- Hit Save Config.



Let's see how the email looks like:

Veronica Costello,

Thank you for your order from Main Website Store. Once your package ships we will send you a tracking number. You can check the status of your order by [logging into your account](#).

If you have questions about your order, you can email us at [support@example.com](mailto:support@example.com).

## Your Order #000000120

---

Placed on Jul 12, 2021, 1:20:55 AM

<b>Billing Info</b>	<b>Shipping Info</b>
Veronica Costello 6146 Honey Bluff Parkway Calder, Michigan, 49628-7978 United States T: (555) 229-3326	Veronica Costello 6146 Honey Bluff Parkway Calder, Michigan, 49628-7978 United States T: (555) 229-3326
<b>Payment Method</b>	<b>Shipping Method</b>
Check / Money order	Best Way - Table Rate

**Additional Information**

**Recipient's name:** Jane Dong

**Gift message:** On your special day, I wish you an abundance of joy, happiness, and love. You truly deserve it! Happy Birthday!

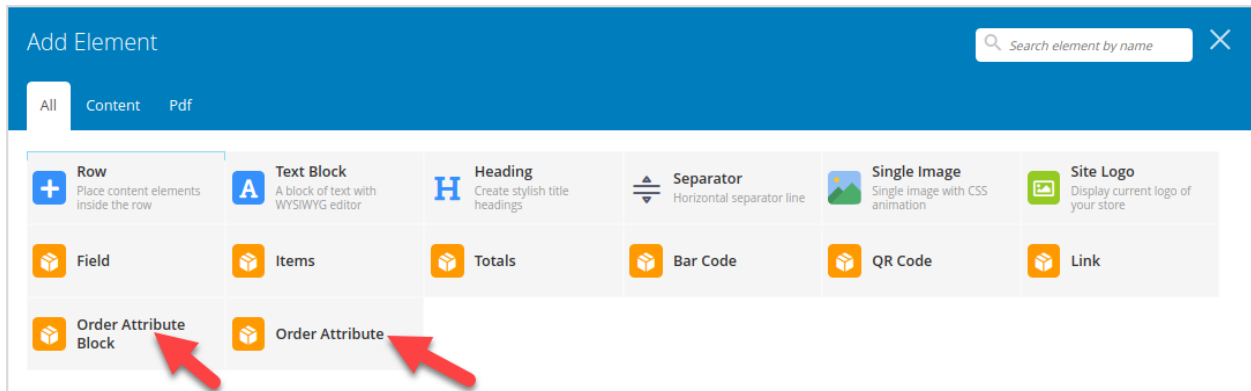
**Apply Coupon Code:**

Items	Qty	Price
<b>Strike Endurance Tee</b> SKU: MS08-S-Black <i>Size</i> S	2	\$78.00

## VII) Compatible with Magento 2 PDF Customizer

[Magento 2 PDF Customizer](#) lets you build beautiful PDF sales documents: Invoice, Order, Shipment, and Credit Memo using an intuitive drag and drop editor. No need for coding skills.

When installed with **Magento 2 Order Attributes**, PDF Customizer has two extra elements named Order Attributes and Order Attributes Block. The Order Attributes element helps you add separate order attributes to sales documents. Meanwhile, the other one lets you create a block that contains a title and a group of order attributes right below.



## VIII) Support

If you have any questions or need any support, feel free to contact us by following ways.

We will get back to you within 24 hours since you submit your support request.

- Submit the [contact form](#).
- Email us at [support@magezon.com](mailto:support@magezon.com).
- Submit a [ticket](#).
- Contact us through [Skype](#): support@magezon.com.
- Contact us via live chat on our website: [magezon.com](http://magezon.com).