Bootstrap Forms

In Bootstrap, there are three types of form layouts:

* Vertical form (this is default)
* Horizontal form
* Inline form

## **Bootstrap Form Rules**

There are three standard rules for these 3 form layouts:

* Always use <form role="form"> (helps improve accessibility for people using screen readers)
* Wrap labels and form controls in <div class="form-group"> (needed for optimum spacing)
* Add class .form-control to all textual <input>, <textarea>, and <select> elements

### **1) Bootstrap Vertical Form (Default)**

1. <!DOCTYPE html**>**
2. **<html** lang="en"**>**
3. **<head>**
4. **<title>**Bootstrap example**</title>**
5. **<link** rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css"**/>**
6. **</head>**
7. **<body>**
9. **<div** class="container"**>**
10. **<h1>**Vertical Form Example**</h1>**

**<form** style="width:300px"**>**

**<div** class="form-group"**>**

**<label** for="exampleInputEmail1"**>**Email address**</label>**

**<input** type="email" class="form-control" id="exampleInputEmail1" placeholder="Email"**>**

**</div>**

**<div** class="form-group"**>**

**<label** for="exampleInputPassword1"**>**Password**</label>**

**<input** type="password" class="form-control" id="exampleInputPassword1" placeholder="Password"**>**

**</div>**

**<button** type="submit" class="btn btn-default"**>**Login**</button>**

**</form>**

**</div>**

2. **<script** src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"**></script>**
3. **<script** src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js"**></script>**
4. **</body>**
5. **</html>**

### **2) Bootstrap Inline Form**

In Bootstrap Inline forms, all elements are inline, left-aligned, and the labels are alongside.

1. <!DOCTYPE html**>**
2. **<html** lang="en"**>**
3. **<head>**
4. **<title>**Bootstrap Example**</title>**
5. **<meta** charset="utf-8"**>**
6. **<meta** name="viewport" content="width=device-width, initial-scale=1"**>**
7. **<link** rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css"**>**
9. **</head>**
10. **<body>**
12. **<div** class="container"**>**
13. **<h2>**Inline form Example**</h2>**
14. **<form** class="form-inline" role="form"**>**
15. **<form** style="width:300px"**>**
16. **<div** class="form-group"**>**
17. **<label** for="exampleInputEmail1"**>**Email address**</label>**
18. **<input** type="email" class="form-control" id="exampleInputEmail1" placeholder="Email"**>**
19. **</div>**
20. **<div** class="form-group"**>**
21. **<label** for="exampleInputPassword1"**>**Password**</label>**
22. **<input** type="password" class="form-control" id="exampleInputPassword1" placeholder="Password"**>**
23. **</div>**
25. **<button** type="submit" class="btn btn-default"**>**Login**</button>**
26. **</form>**
28. **</div>**
29. **<script** src="https://ajax.googleapis.com/ajax/libs/jquery/1.12.0/jquery.min.js"**></script>**
30. **<script** src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/js/bootstrap.min.js"**></script>**
32. **</body>**
33. **</html>**

### **Bootstrap Horizontal Form**

You have to add some additional rules if you want to create a horizontal form.

**Additional rules for a horizontal form:**

* Add class .form-horizontal to the <form> element
* Add class .control-label to all <label> elements

1. <!DOCTYPE html**>**
2. **<html** lang="en"**>**
3. **<head>**
4. **<title>**Bootstrap Example**</title>**
5. **<meta** charset="utf-8"**>**
6. **<meta** name="viewport" content="width=device-width, initial-scale=1"**>**
7. **<link** rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css"**>**
9. **</head>**
10. **<body>**
12. **<div** class="container"**>**
13. **<h2>**Horizontal form Example**</h2>**

**<form** class="form-horizontal" role="form"**>**

**<form** style="width:300px"**>**

**<div** class="form-group"**>**

**<label** class="control-label col-sm-2" for="email"**>**Email:**</label>**

**<div** class="col-sm-10"**>**

**<input** type="email" class="form-control" id="email" placeholder="Enter email"**>**

**</div>**

**</div>**

**<div** class="form-group"**>**

**<label** class="control-label col-sm-2" for="pwd"**>**Password:**</label>**

**<div** class="col-sm-10"**>**

**<input** type="password" class="form-control" id="pwd" placeholder="Enter password"**>**

**</div>**

**</div>**

**<div** class="form-group"**>**

**<div** class="col-sm-offset-2 col-sm-10"**>**

**<button** type="submit" class="btn btn-default"**>**Submit**</button>**

**</div>**

**</div>**

**</form>**

1. **</div>**
2. **<script** src="https://ajax.googleapis.com/ajax/libs/jquery/1.12.0/jquery.min.js"**></script>**
3. **<script** src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/js/bootstrap.min.js"**></script>**
5. **</body>**
6. **</html>**

## **Bootstrap 4 Forms**

In Bootstrap4, form controls automatically receive some global styling with Bootstrap.

All textual <input>, <textarea>, and <select> elements with class .form-control have a width of 100%.

## **Stacked (full-width) form:**

Bootstrap 4 provides full width stacked forms.

### **Example:**

Let's take an example to create a stacked form with two input fields, one checkbox, and a submit button.

1. <!DOCTYPE html**>**
2. **<html** lang="en"**>**
3. **<head>**
4. **<title>**Bootstrap Example**</title>**
5. **<meta** charset="utf-8"**>**
6. **<meta** name="viewport" content="width=device-width, initial-scale=1"**>**
7. **<link** rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0-beta.2/css/bootstrap.min.css"**>**
8. **<script** src="https://ajax.googleapis.com/ajax/libs/jquery/3.2.1/jquery.min.js"**></script>**
9. **<script** src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.12.6/umd/popper.min.js"**></script>**
10. **<script** src="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0-beta.2/js/bootstrap.min.js"**></script>**
11. **</head>**
12. **<body>**
14. **<div** class="container"**>**
15. **<h2>**Stacked form**</h2>**
16. **<form>**
17. **<div** class="form-group"**>**
18. **<label** for="email"**>**Email:**</label>**
19. **<input** type="email" class="form-control" id="email" placeholder="Enter email"**>**
20. **</div>**
21. **<div** class="form-group"**>**
22. **<label** for="pwd"**>**Password:**</label>**
23. **<input** type="password" class="form-control" id="pwd" placeholder="Enter password"**>**
24. **</div>**
25. **<div** class="form-check"**>**
26. **<label** class="form-check-label"**>**
27. **<input** class="form-check-input" type="checkbox"**>** Remember me
28. **</label>**
29. **</div>**
30. **<button** type="submit" class="btn btn-primary"**>**Submit**</button>**
31. **</form>**
32. **</div>**
34. **</body>**
35. **</html>**

# Bootstrap Panels

In Bootstrap, a panel is a bordered box with some padding around its element. The panel components are used when you want to put your DOM component in a box.

The **class .panel** is used within the <div> element to create Bootstrap panels. The content inside the panel has a **.panel-body class**.

Generally a panel contains three parts:

* Panel header
* Panel content
* Panel footer

## **Bootstrap Panel Example**

<!DOCTYPE html**>**

**<html** lang="en"**>**

**<head>**

**<title>**Panel**</title>**

**<link** rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css"**/>**

**</head>**

**<body>**

**<div** class="container"**>**

**<h1>**Panel Example**</h1>**

**<div** class="panel panel-primary"**>**

**<div** class="panel-heading"**>**

**<h3** class="panel-title"**><strong>**Panel title**</strong></h3>**

**</div>**

**<div** class="panel-body"**>**

    Panel content

**</div>**

**<div** class="panel-footer"**>**

**<strong>**Panel footer**</strong>**

**</div>**

**</div>**

**</div>**

**<script** src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"**></script>**

**<script** src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js"**></script>**

**</body>**

**</html>**

### **Bootstrap Panel Group**

Panel group is used to groups many panel together.

For a panel group, you have to wrap a <div> with **class .panel-group**around them.

The **.panel-group class** clears the bottom-margin of each panel.

**See this example:**

1. <!DOCTYPE html**>**
2. **<html** lang="en"**>**
3. **<head>**
4. **<title>**Bootstrap Case**</title>**
5. **<meta** charset="utf-8"**>**
6. **<meta** name="viewport" content="width=device-width, initial-scale=1"**>**
7. **<link** rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css"**>**
8. **<script** src="https://ajax.googleapis.com/ajax/libs/jquery/1.12.0/jquery.min.js"**></script>**
9. **<script** src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/js/bootstrap.min.js"**></script>**
10. **</head>**
11. **<body>**
13. **<div** class="container"**>**

**<h2>**Panel Group**</h2>**

**<p>**The panel-group class clears the bottom-margin. Try to remove the class and see what happens.**</p>**

**<div** class="panel-group"**>**

**<div** class="panel panel-default"**>**

**<div** class="panel-heading"**>**Panel Header**</div>**

**<div** class="panel-body"**>**Panel Content**</div>**

**</div>**

**<div** class="panel panel-default"**>**

**<div** class="panel-heading"**>**Panel Header**</div>**

**<div** class="panel-body"**>**Panel Content**</div>**

**</div>**

**<div** class="panel panel-default"**>**

**<div** class="panel-heading"**>**Panel Header**</div>**

**<div** class="panel-body"**>**Panel Content**</div>**

**</div>**

**</div>**

1. **</div>**
3. **</body>**
4. **</html>**

### **Bootstrap Panel with contextual classes**

Contextual **classes (.panel-default, .panel-primary, .panel-success, .panel-info, .panel-warning, or .panel-danger)**are used to color the panels.

**Example:**

1. <!DOCTYPE html**>**
2. **<html** lang="en"**>**
3. **<head>**
4. **<title>**Bootstrap Case**</title>**
5. **<meta** charset="utf-8"**>**
6. **<meta** name="viewport" content="width=device-width, initial-scale=1"**>**
7. **<link** rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css"**>**
8. **<script** src="https://ajax.googleapis.com/ajax/libs/jquery/1.12.0/jquery.min.js"**></script>**
9. **<script** src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/js/bootstrap.min.js"**></script>**
10. **</head>**
11. **<body>**
13. **<div** class="container"**>**
14. **<h2>**Panels with Contextual Classes**</h2>**
15. **<div** class="panel-group"**>**
16. **<div** class="panel panel-default"**>**
17. **<div** class="panel-heading"**>**Panel with panel-default class**</div>**
18. **<div** class="panel-body"**>**Panel Content**</div>**
19. **</div>**
21. **<div** class="panel panel-primary"**>**
22. **<div** class="panel-heading"**>**Panel with panel-primary class**</div>**
23. **<div** class="panel-body"**>**Panel Content**</div>**
24. **</div>**
26. **<div** class="panel panel-success"**>**
27. **<div** class="panel-heading"**>**Panel with panel-success class**</div>**
28. **<div** class="panel-body"**>**Panel Content**</div>**
29. **</div>**
31. **<div** class="panel panel-info"**>**
32. **<div** class="panel-heading"**>**Panel with panel-info class**</div>**
33. **<div** class="panel-body"**>**Panel Content**</div>**
34. **</div>**
36. **<div** class="panel panel-warning"**>**
37. **<div** class="panel-heading"**>**Panel with panel-warning class**</div>**
38. **<div** class="panel-body"**>**Panel Content**</div>**
39. **</div>**
41. **<div** class="panel panel-danger"**>**
42. **<div** class="panel-heading"**>**Panel with panel-danger class**</div>**
43. **<div** class="panel-body"**>**Panel Content**</div>**
44. **</div>**
45. **</div>**
46. **</div>**
48. **</body>**
49. **</html>**

# Bootstrap Pagination

Pagination is used to sort the web pages of your website in an organized manner. It becomes very necessary if your website has a lot of web pages.

Following is a list of classes that Bootstrap provides to handle pagination.

|  |  |
| --- | --- |
| **Class** | **Description** |
| .pagination | Add this class to get the pagination on your page. |
| .disabled,  .active | you can customize links by using .disabled for unclickable links and .active to indicate the current page. |
| .pagination-lg,  .pagination-sm | use these classes to get different size items. |

## **Bootstrap Pagination Example**

Add the **.pagination class** to an <ul> element to create a basic pagination.

**See this example:**

1. <!DOCTYPE html**>**
2. **<html** lang="en"**>**
3. **<head>**
4. **<title>**Bootstrap Example**</title>**
5. **<meta** charset="utf-8"**>**
6. **<meta** name="viewport" content="width=device-width, initial-scale=1"**>**
7. **<link** rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css"**>**
9. **</head>**
10. **<body>**
12. **<div** class="container"**>**

**<h2>**A basic pagination example:**</h2>**

**<p>**The .pagination class provides pagination links:**</p>**

**<ul** class="pagination"**>**

**<li><a** href="#"**>**1**</a></li>**

**<li><a** href="#"**>**2**</a></li>**

**<li><a** href="#"**>**3**</a></li>**

**<li><a** href="#"**>**4**</a></li>**

**<li><a** href="#"**>**5**</a></li>**

**</ul>**

1. **</div>**
3. **<script** src="https://ajax.googleapis.com/ajax/libs/jquery/1.12.0/jquery.min.js"**></script>**
4. **<script** src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/js/bootstrap.min.js"**></script>**
6. **</body>**
7. **</html>**

### **Bootstrap Active State**

The active state specifies the current page on which user is active.

The **class .active**is used to specify active state.

**See this example:**

1. <!DOCTYPE html**>**
2. **<html** lang="en"**>**
3. **<head>**
4. **<title>**Bootstrap Example**</title>**
5. **<meta** charset="utf-8"**>**
6. **<meta** name="viewport" content="width=device-width, initial-scale=1"**>**
7. **<link** rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css"**>**
9. **</head>**
10. **<body>**
12. **<div** class="container"**>**
13. **<h2>**Active State Pagination: Example**</h2>**
14. **<p>**Specify the current active state of the user.**</p>**

**<ul** class="pagination"**>**

**<li><a** href="#"**>**1**</a></li>**

**<li** class="active"**><a** href="#"**>**2**</a></li>**

**<li><a** href="#"**>**3**</a></li>**

**<li><a** href="#"**>**4**</a></li>**

**<li><a** href="#"**>**5**</a></li>**

**</ul>**

1. **</div>**
3. **<script** src="https://ajax.googleapis.com/ajax/libs/jquery/1.12.0/jquery.min.js"**></script>**
4. **<script** src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/js/bootstrap.min.js"**></script>**
6. **</body>**
7. **</html>**

### **Bootstrap Disabled State**

The disabled state specifies that you cannot click on the link.

Add **class .disabled** to disable the links you don't need more.

**See this example:**

1. <!DOCTYPE html**>**
2. **<html** lang="en"**>**
3. **<head>**
4. **<title>**Bootstrap Example**</title>**
5. **<meta** charset="utf-8"**>**
6. **<meta** name="viewport" content="width=device-width, initial-scale=1"**>**
7. **<link** rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css"**>**
9. **</head>**
10. **<body>**
12. **<div** class="container"**>**
13. **<h2>**Disabled State Pagination Example:**</h2>**
14. **<p>**Here, 4 and 5 links are disabled.**</p>**
15. **<ul** class="pagination"**>**
16. **<li><a** href="#"**>**1**</a></li>**
17. **<li><a** href="#"**>**2**</a></li>**
18. **<li><a** href="#"**>**3**</a></li>**
19. **<li** class="disabled"**><a** href="#"**>**4**</a></li>**
20. **<li><a** href="#"**>**5**</a></li>**
21. **</ul>**
22. **</div>**
24. **<script** src="https://ajax.googleapis.com/ajax/libs/jquery/1.12.0/jquery.min.js"**></script>**
25. **<script** src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/js/bootstrap.min.js"**></script>**
27. **</body>**
28. **</html>**

### **Bootstrap Pagination Sizing**

You can also size pagination blocks larger or smaller accordingly.

Add **class .pagination-lg**for larger blocks or .pagination-sm for smaller blocks.

**See this example:**

1. <!DOCTYPE html**>**
2. **<html** lang="en"**>**
3. **<head>**
4. **<title>**Bootstrap Example**</title>**
5. **<meta** charset="utf-8"**>**
6. **<meta** name="viewport" content="width=device-width, initial-scale=1"**>**
7. **<link** rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css"**>**
9. **</head>**
10. **<body>**
12. **<div** class="container"**>**
13. **<h2>**Pagination - Sizing**</h2>**
14. **<p>**Add class .pagination-lg for larger blocks or .pagination-sm for smaller blocks:**</p>**

**<ul** class="pagination pagination-lg"**>**

**<li><a** href="#"**>**1**</a></li>**

**<li><a** href="#"**>**2**</a></li>**

**<li><a** href="#"**>**3**</a></li>**

**<li><a** href="#"**>**4**</a></li>**

**<li><a** href="#"**>**5**</a></li>**

**</ul>**

**<ul** class="pagination pagination-sm"**>**

**<li><a** href="#"**>**1**</a></li>**

**<li><a** href="#"**>**2**</a></li>**

**<li><a** href="#"**>**3**</a></li>**

**<li><a** href="#"**>**4**</a></li>**

**<li><a** href="#"**>**5**</a></li>**

**</ul>**

1. **</div>**
3. **<script** src="https://ajax.googleapis.com/ajax/libs/jquery/1.12.0/jquery.min.js"**></script>**
4. **<script** src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/js/bootstrap.min.js"**></script>**
6. **</body>**
7. **</html>**

### **Bootstrap Breadcrumbs**

It is another form of pagination. It indicates the current page's location within a navigational hierarchy.

The **.breadcrumb class**is used to create breadcrumbs.

**See this example:**

1. <!DOCTYPE html**>**
2. **<html>**
3. **<head>**
4. **<meta** name="viewport" content="width=device-width, initial-scale=1"**>**
5. **<link** rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css"**>**
7. **</head>**
8. **<body>**
10. **<div** class="container"**>**

**<h2>**Breadcrumbs Example:**</h2>**

**<p>**The .breadcrumb class indicates the current page's location within a navigational hierarchy:**</p>**

**<ul** class="breadcrumb"**>**

**<li><a** href="#"**>**Java**</a></li>**

**<li><a** href="#"**>**SQL**</a></li>**

**<li><a** href="#"**>**Php**</a></li>**

**<li** class="active"**>**.Net**</li>**

**</ul>**

**</div>**

2. **<script** src="https://ajax.googleapis.com/ajax/libs/jquery/1.12.0/jquery.min.js"**></script>**
3. **<script** src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/js/bootstrap.min.js"**></script>**
5. **</body>**

# </html>

# Bootstrap Pager

Bootstrap pager is a form of pagination. It is used to create previous and next buttons (links).

The **".pager"** class is used within the <ul> element to create the previous / next buttons.

## **Bootstrap Pager Example**

 <!DOCTYPE html**>**

**<html** lang="en"**>**

**<head>**

**<title>**Bootstrap Pager Example**</title>**

**<meta** charset="utf-8"**>**

**<meta** name="viewport" content="width=device-width, initial-scale=1"**>**

**<link** rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css"**>**

**</head>**

**<body>**

**<div** class="container"**>**

**<h2>**Pager Example**</h2>**

**<ul** class="pager"**>**

**<li><a** href="#"**>**Previous**</a></li>**

**<li><a** href="#"**>**Next**</a></li>**

**</ul>**

**</div>**

**<script** src="https://ajax.googleapis.com/ajax/libs/jquery/1.12.0/jquery.min.js"**></script>**

**<script** src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/js/bootstrap.min.js"**></script>**

**</body>**

**</html>**

### **Bootstrap Pager Align Buttons**

You can align the previous and next buttons to each side of the page.

The **classes ".previous"** and **".next"** is used to align the buttons previous and next respectively.

**See this example:**

1. <!DOCTYPE html**>**
2. **<html** lang="en"**>**
3. **<head>**
4. **<title>**Bootstrap Example**</title>**
5. **<meta** charset="utf-8"**>**
6. **<meta** name="viewport" content="width=device-width, initial-scale=1"**>**
7. **<link** rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css"**>**
9. **</head>**
10. **<body>**
12. **<div** class="container"**>**
13. **<h2>**Pager Align Button**</h2>**
14. **<ul** class="pager"**>**
15. **<li** class="previous"**><a** href="#"**>**Previous**</a></li>**
16. **<li** class="next"**><a** href="#"**>**Next**</a></li>**
17. **</ul>**
18. **</div>**
19. **<script** src="https://ajax.googleapis.com/ajax/libs/jquery/1.12.0/jquery.min.js"**></script>**
20. **<script** src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/js/bootstrap.min.js"**></script>**
21. **</body>**
22. **</html>**

# Bootstrap carousel

The Bootstrap carousel is a flexible, responsive way that is used to add a slider to your webpage. It is very responsive and flexible enough to allow, images, iframes, videos, or any other type of content that you want to add.

**The Carousel Plugin:**

The carousel plugin is a component for cycling through element, like a carousel. If you want to add plugin functionality individually, then you have to use carousel.js file or all at once (using "bootstrap.js" or "bootstrap.min.js").

## **Bootstrap carousel Example**

Let's take a carousel example and see how to create a basic carousel.

<!DOCTYPE html**>**

**<html** lang="en"**>**

**<head>**

**<title>**Bootstrap Carousel**</title>**

**<link** rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css"**/>**

**</head>**

**<style>**

  .carousel-inner **>** .item **>** img,

  .carousel-inner **>** .item **>** a **>** img {

      width: 80%;

      margin: auto;

  }

**</style>**

**<body>**

**<div** class="container"**>**

**<h1>**Carousel Example**</h1>**

**<div** id="myCarousel" class="carousel slide" data-ride="carousel"**>**

    <!-- Indicators -->

**<ol** class="carousel-indicators"**>**

**<li** data-target="#myCarousel" data-slide-to="0" class="active"**></li>**

**<li** data-target="#myCarousel" data-slide-to="1"**></li>**

**<li** data-target="#myCarousel" data-slide-to="2"**></li>**

**</ol>**

    <!-- Wrapper for slides -->

**<div** class="carousel-inner" role="listbox"**>**

**<div** class="item active"**>**

**<img** src="images/jokes1.jpg" alt="jokes 1" **>**

**</div>**

**<div** class="item"**>**

**<img** src="images/jokes2.jpg" alt="jokes 2" **>**

**</div>**

**<div** class="item"**>**

**<img** src="images/jokes3.jpg" alt="jokes 3" **>**

**</div>**

**</div>**

    <!-- Left and right controls -->

**<a** class="left carousel-control" href="#myCarousel" role="button" data-slide="prev"**>**

**<span** class="glyphicon glyphicon-chevron-left" aria-hidden="true"**></span>**

**<span** class="sr-only"**>**Previous**</span>**

**</a>**

**<a** class="right carousel-control" href="#myCarousel" role="button" data-slide="next"**>**

**<span** class="glyphicon glyphicon-chevron-right" aria-hidden="true"**></span>**

**<span** class="sr-only"**>**Next**</span>**

**</a>**

**</div>**<!-- corousel end -->

**</div>**

**<script** src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"**></script>**

**<script** src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js"**></script>**

**</body>**

**</html>**

## **Bootstrap carousel Example: add captions to slides**

If you want to add captions to the slides, then you have to add <div class="carousel-caption"> within each <div class="item"> .

2. <!DOCTYPE html**>**
3. **<html** lang="en"**>**
4. **<head>**
5. **<title>**Job**</title>**
6. **<link** rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css"**/>**
7. **</head>**
8. **<style>**
9. .carousel-inner **>** .item **>** img,
10. .carousel-inner **>** .item **>** a **>** img {
11. width: 80%;
12. margin: auto;
13. }
14. **</style>**
15. **<body>**
17. **<div** class="container"**>**
18. **<h1>**Carousel Example**</h1>**
20. **<div** id="myCarousel" class="carousel slide" data-ride="carousel"**>**
21. <!-- Indicators -->
22. **<ol** class="carousel-indicators"**>**
23. **<li** data-target="#myCarousel" data-slide-to="0" class="active"**></li>**
24. **<li** data-target="#myCarousel" data-slide-to="1"**></li>**
25. **<li** data-target="#myCarousel" data-slide-to="2"**></li>**
26. **</ol>**
28. <!-- Wrapper for slides -->
29. **<div** class="carousel-inner" role="listbox"**>**
30. **<div** class="item active"**>**
31. **<img** src="images/jokes1.jpg" alt="jokes 1" **>**
32. **<h3>**Santa-Banta**</h3>**
33. **<p>**Read Santa-Banta jokes at javaTpoint.**</p>**
34. **</div>**
36. **<div** class="item"**>**
37. **<img** src="images/jokes2.jpg" alt="jokes 2" **>**
38. **<h3>**Santa-Banta**</h3>**
39. **<p>**Read Santa-Banta jokes at javaTpoint.**</p>**
40. **</div>**
42. **<div** class="item"**>**
43. **<img** src="images/jokes3.jpg" alt="jokes 3" **>**
44. **<h3>**Santa-Banta**</h3>**
45. **<p>**Read Santa-Banta jokes at javaTpoint.**</p>**
46. **</div>**
47. **</div>**
49. <!-- Left and right controls -->
50. **<a** class="left carousel-control" href="#myCarousel" role="button" data-slide="prev"**>**
51. **<span** class="glyphicon glyphicon-chevron-left" aria-hidden="true"**></span>**
52. **<span** class="sr-only"**>**Previous**</span>**
53. **</a>**
54. **<a** class="right carousel-control" href="#myCarousel" role="button" data-slide="next"**>**
55. **<span** class="glyphicon glyphicon-chevron-right" aria-hidden="true"**></span>**
56. **<span** class="sr-only"**>**Next**</span>**
57. **</a>**
58. **</div>**<!-- corousel end -->
60. **</div>**
61. **<script** src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"**></script>**
62. **<script** src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js"**></script>**
63. **</body>**
64. **</html>**

# Bootstrap List Groups

Bootstrap list group is used to create a group of list with list items. The most basic list group is an unordered list containing list items.

The **class ".list-group"** within the <ul> element and the **class ".list-group-item"** within the <li>element are used to create a basic list group.

## **Bootstrap List Group Example**

1. <!DOCTYPE html**>**
2. **<html** lang="en"**>**
3. **<head>**
4. **<title>**Bootstrap Example**</title>**
5. **<meta** charset="utf-8"**>**
6. **<meta** name="viewport" content="width=device-width, initial-scale=1"**>**
7. **<link** rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css"**>**
9. **</head>**
10. **<body>**
12. **<div** class="container"**>**

**<h2>**Basic List Group Example**</h2>**

**<ul** class="list-group"**>**

**<li** class="list-group-item"**>**First item**</li>**

**<li** class="list-group-item"**>**Second item**</li>**

**<li** class="list-group-item"**>**Third item**</li>**

**</ul>**

1. **</div>**
2. **<script** src="https://ajax.googleapis.com/ajax/libs/jquery/1.12.0/jquery.min.js"**></script>**
3. **<script** src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/js/bootstrap.min.js"**></script>**
4. **</body>**

### **Bootstrap List Group with Badges**

The badges can also be added to a list group. They will automatically be positioned to the right side.

You have to create a <span> element with **class ".badge"** inside the list item to create a badge.

1. <!DOCTYPE html**>**
2. **<html** lang="en"**>**
3. **<head>**
4. **<title>**Bootstrap Example**</title>**
5. **<meta** charset="utf-8"**>**
6. **<meta** name="viewport" content="width=device-width, initial-scale=1"**>**
7. **<link** rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css"**>**
9. **</head>**
10. **<body>**
12. **<div** class="container"**>**
13. **<h2>**List Group With Badges**</h2>**

**<ul** class="list-group"**>**

**<li** class="list-group-item"**><span** class="badge"**>**12**</span>** New**</li>**

**<li** class="list-group-item"**><span** class="badge"**>**5**</span>** Deleted**</li>**

**<li** class="list-group-item"**><span** class="badge"**>**3**</span>** Warnings**</li>**

**</ul>**

1. **</div>**
2. **<script** src="https://ajax.googleapis.com/ajax/libs/jquery/1.12.0/jquery.min.js"**></script>**
3. **<script** src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/js/bootstrap.min.js"**></script>**
4. **</body>**
5. **</html>**

### **Bootstrap List Groups with Hyperlinks**

You can also link items to the list group. This provides a grey background color on hover. You have to use <div> instead of <ul> and <a> instead of <li> element to create a list group with linked items.

1. <!DOCTYPE html**>**
2. **<html** lang="en"**>**
3. **<head>**
4. **<title>**Bootstrap Example**</title>**
5. **<meta** charset="utf-8"**>**
6. **<meta** name="viewport" content="width=device-width, initial-scale=1"**>**
7. **<link** rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css"**>**
9. **</head>**
10. **<body>**
12. **<div** class="container"**>**
13. **<h2>**List Group With Linked Items**</h2>**

**<div** class="list-group"**>**

**<a** href="#" class="list-group-item"**>**First item**</a>**

**<a** href="#" class="list-group-item"**>**Second item**</a>**

**<a** href="#" class="list-group-item"**>**Third item**</a>**

**</div>**

1. **</div>**
2. **<script** src="https://ajax.googleapis.com/ajax/libs/jquery/1.12.0/jquery.min.js"**></script>**
3. **<script** src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/js/bootstrap.min.js"**></script>**
4. **</body>**
5. **</html>**

### **Bootstrap List Group: Display active item**

The **class ".active"** is used to highlight the current item. It specifies that the specific item is in active state.

1. <!DOCTYPE html**>**
2. **<html** lang="en"**>**
3. **<head>**
4. **<title>**Bootstrap Example**</title>**
5. **<meta** charset="utf-8"**>**
6. **<meta** name="viewport" content="width=device-width, initial-scale=1"**>**
7. **<link** rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css"**>**
9. **</head>**
10. **<body>**
12. **<div** class="container"**>**
13. **<h2>**Active Item in a List Group**</h2>**
14. **<div** class="list-group"**>**

**<a** href="#" class="list-group-item active"**>**First item (This is active item)**</a>**

1. **<a** href="#" class="list-group-item"**>**Second item**</a>**
2. **<a** href="#" class="list-group-item"**>**Third item**</a>**
3. **</div>**
4. **</div>**
5. **<script** src="https://ajax.googleapis.com/ajax/libs/jquery/1.12.0/jquery.min.js"**></script>**
6. **<script** src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/js/bootstrap.min.js"**></script>**
7. **</body>**
8. **</html>**

### **Bootstrap List Group: Display a disable item**

The **class ".disabled"** is used to disable a specific item in the list group.

1. <!DOCTYPE html**>**
2. **<html** lang="en"**>**
3. **<head>**
4. **<title>**Bootstrap Example**</title>**
5. **<meta** charset="utf-8"**>**
6. **<meta** name="viewport" content="width=device-width, initial-scale=1"**>**
7. **<link** rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css"**>**
9. **</head>**
10. **<body>**
12. **<div** class="container"**>**
13. **<h2>**List Group With a Disabled Item**</h2>**
14. **<div** class="list-group"**>**
15. **<a** href="#" class="list-group-item disabled"**>**First item**</a>**
16. **<a** href="#" class="list-group-item"**>**Second item**</a>**
17. **<a** href="#" class="list-group-item"**>**Third item**</a>**
18. **</div>**
19. **</div>**
20. **<script** src="https://ajax.googleapis.com/ajax/libs/jquery/1.12.0/jquery.min.js"**></script>**
21. **<script** src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/js/bootstrap.min.js"**></script>**
22. **</body>**
23. **</html>**

### **Bootstrap List Group: Contextual Classes**

You can add colors to the list items by using contextual classes.

The following classes are used for coloring list items:

* .list-group-item-success
* .list-group-item-info
* .list-group-item-warning
* .list-group-item-danger

1. <!DOCTYPE html**>**
2. **<html** lang="en"**>**
3. **<head>**
4. **<title>**Bootstrap Example**</title>**
5. **<meta** charset="utf-8"**>**
6. **<meta** name="viewport" content="width=device-width, initial-scale=1"**>**
7. **<link** rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css"**>**
9. **</head>**
10. **<body>**
12. **<div** class="container"**>**
13. **<h2>**List Group With Contextual Classes**</h2>**
14. **<ul** class="list-group"**>**
15. **<li** class="list-group-item list-group-item-success"**>**First item**</li>**
16. **<li** class="list-group-item list-group-item-info"**>**Second item**</li>**
17. **<li** class="list-group-item list-group-item-warning"**>**Third item**</li>**
18. **<li** class="list-group-item list-group-item-danger"**>**Fourth item**</li>**
19. **</ul>**
21. **<h2>**Linked Items With Contextual Classes**</h2>**
22. **<a** href="#" class="list-group-item list-group-item-success"**>**First item**</a>**
23. **<a** href="#" class="list-group-item list-group-item-info"**>**Second item**</a>**
24. **<a** href="#" class="list-group-item list-group-item-warning"**>**Third item**</a>**
25. **<a** href="#" class="list-group-item list-group-item-danger"**>**Fourth item**</a>**
26. **</div>**
27. **</div>**
28. **<script** src="https://ajax.googleapis.com/ajax/libs/jquery/1.12.0/jquery.min.js"**></script>**
29. **<script** src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/js/bootstrap.min.js"**></script>**
30. **</body>**
31. **</html>**

### **Link items with Contextual Classes**

In Bootstrap 4, you can also link items with contextual classes.

### **Example:**

1. <!DOCTYPE html**>**
2. **<html** lang="en"**>**
3. **<head>**
4. **<title>**Bootstrap Example**</title>**
5. **<meta** charset="utf-8"**>**
6. **<meta** name="viewport" content="width=device-width, initial-scale=1"**>**
7. **<link** rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0-beta.2/css/bootstrap.min.css"**>**
8. **<script** src="https://ajax.googleapis.com/ajax/libs/jquery/3.2.1/jquery.min.js"**></script>**
9. **<script** src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.12.6/umd/popper.min.js"**></script>**
10. **<script** src="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0-beta.2/js/bootstrap.min.js"**></script>**
11. **</head>**
12. **<body>**
14. **<div** class="container"**>**
15. **<h2>**Linked Items With Contextual Classes**</h2>**
16. **<p>**Move the mouse over the linked items to see the hover effect:**</p>**
17. **<div** class="list-group"**>**
18. **<a** href="#" class="list-group-item list-group-item-action"**>**Action item**</a>**
19. **<a** href="#" class="list-group-item list-group-item-success"**>**Success item**</a>**
20. **<a** href="#" class="list-group-item list-group-item-secondary"**>**Secondary item**</a>**
21. **<a** href="#" class="list-group-item list-group-item-info"**>**Info item**</a>**
22. **<a** href="#" class="list-group-item list-group-item-warning"**>**Warning item**</a>**
23. **<a** href="#" class="list-group-item list-group-item-danger"**>**Danger item**</a>**
24. **<a** href="#" class="list-group-item list-group-item-primary"**>**Primary item**</a>**
25. **<a** href="#" class="list-group-item list-group-item-dark"**>**Dark item**</a>**
26. **<a** href="#" class="list-group-item list-group-item-light"**>**Light item**</a>**
27. **</div>**
28. **</div>**
30. **</body>**
31. **</html>**

# Bootstrap Collapse

Bootstrap collapse is used when you want to hide and show large amount of content.

The **".collapse" class** is used to specify the collapsible element.

## **Bootstrap Collapse Example**

1. <!DOCTYPE html**>**
2. **<html>**
3. **<head>**
4. **<meta** name="viewport" content="width=device-width, initial-scale=1"**>**
5. **<link** rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css"**>**
7. **</head>**
8. **<body>**
10. **<div** class="container"**>**

**<h2>**Basic Collapse Example**</h2>**

**<button** type="button" class="btn btn-info" data-toggle="collapse" data-target="#demo"**>**Simple collapsible**</button>**

**<div** id="demo" class="collapse"**>**

Tigers and Lions are the most ferocious animals on the earth. They belong to the felidae(cat) family.

They are both from the four big cats. These four big cats are Lion, Tiger, Leopard, and Jaguar.

 These animals reside on the top of the food chain and don't have any predators.

**</div>**

1. **</div>**
2. **<script** src="https://ajax.googleapis.com/ajax/libs/jquery/1.12.0/jquery.min.js"**></script>**
3. **<script** src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/js/bootstrap.min.js"**></script>**
4. **</body>**
5. **</html>**

### **Bootstrap Collapsible Panel**

You can also collapse a panel.

**See this example:**

1. <!DOCTYPE html**>**
2. **<html>**
3. **<head>**
4. **<meta** name="viewport" content="width=device-width, initial-scale=1"**>**
5. **<link** rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css"**>**
7. **</head>**
8. **<body>**
10. **<div** class="container"**>**

**<h2>**Collapsible Panel**</h2>**

**<div** class="panel-group"**>**

**<div** class="panel panel-default"**>**

**<div** class="panel-heading"**>**

**<h4** class="panel-title"**>**

**<a** data-toggle="collapse" href="#collapse1"**>**Collapsible panel**</a>**

**</h4>**

**</div>**

**<div** id="collapse1" class="panel-collapse collapse"**>**

**<div** class="panel-body"**>**Panel Body**</div>**

**<div** class="panel-footer"**>**Panel Footer**</div>**

**</div>**

**</div>**

**</div>**

1. **</div>**
2. **<script** src="https://ajax.googleapis.com/ajax/libs/jquery/1.12.0/jquery.min.js"**></script>**
3. **<script** src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/js/bootstrap.min.js"**></script>**
4. **</body>**
5. **</html>**

### **Bootstrap Collapsible List Group**

You can also create a collapsible panel with a list group inside.

**See this example:**

1. <!DOCTYPE html**>**
2. **<html>**
3. **<head>**
4. **<meta** name="viewport" content="width=device-width, initial-scale=1"**>**
5. **<link** rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css"**>**
7. **</head>**
8. **<body>**
10. **<div** class="container"**>**

**<h2>**Collapsible List Group**</h2>**

**<div** class="panel-group"**>**

**<div** class="panel panel-default"**>**

**<div** class="panel-heading"**>**

**<h4** class="panel-title"**>**

**<a** data-toggle="collapse" href="#collapse1"**>**Collapsible list group**</a>**

**</h4>**

**</div>**

**<div** id="collapse1" class="panel-collapse collapse"**>**

**<ul** class="list-group"**>**

**<li** class="list-group-item"**>**One**</li>**

**<li** class="list-group-item"**>**Two**</li>**

**<li** class="list-group-item"**>**Three**</li>**

**</ul>**

**<div** class="panel-footer"**>**Footer**</div>**

**</div>**

**</div>**

**</div>**

1. **</div>**
2. **<script** src="https://ajax.googleapis.com/ajax/libs/jquery/1.12.0/jquery.min.js"**></script>**
3. **<script** src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/js/bootstrap.min.js"**></script>**
4. **</body>**
5. **</html>**

# Bootstrap Navigation Bar

A navigation bar is like a navigation header that is placed at the top of the page. You can collapse or extend it according to the screen size.

You can create a standard navigation bar at the top of the page with with **<nav class="navbar navbar-default">**.

**See this example:**

1. <!DOCTYPE html**>**
2. **<html** lang="en"**>**
3. **<head>**
4. **<title>**Bootstrap Case**</title>**
5. **<meta** charset="utf-8"**>**
6. **<meta** name="viewport" content="width=device-width, initial-scale=1"**>**
7. **<link** rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css"**>**
9. **</head>**
10. **<body>**

**<nav** class="navbar navbar-default"**>**

**<div** class="container-fluid"**>**

**<div** class="navbar-header"**>**

**<a** class="navbar-brand" href="#"**>**WebSiteName**</a>**

**</div>**

**<ul** class="nav navbar-nav"**>**

**<li** class="active"**><a** href="#"**>**Home**</a></li>**

**<li><a** href="#"**>**Page 1**</a></li>**

**<li><a** href="#"**>**Page 2**</a></li>**

**<li><a** href="#"**>**Page 3**</a></li>**

**</ul>**

1. **</div>**
2. **</nav>**
4. **<div** class="container"**>**
5. **<h3>**Basic Navbar Example**</h3>**
6. **<p>**A navigation bar is a navigation header that is placed at the top of the page.**</p>**
7. **</div>**
8. **<script** src="https://ajax.googleapis.com/ajax/libs/jquery/1.12.0/jquery.min.js"**></script>**
9. **<script** src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/js/bootstrap.min.js"**></script>**
10. **</body>**
11. **</html>**

### **Bootstrap Inverted Navigation Bar**

Inverted navigation bar provides an alternative black navbar. It can be used to style the default navigation bar by changing **.navbar-default class**into **.navbar-inverse class**.

**See this example:**

1. <!DOCTYPE html**>**
2. **<html** lang="en"**>**
3. **<head>**
4. **<title>**Bootstrap Case**</title>**
5. **<meta** charset="utf-8"**>**
6. **<meta** name="viewport" content="width=device-width, initial-scale=1"**>**
7. **<link** rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css"**>**
9. **</head>**
10. **<body>**

**<nav** class="navbar navbar-inverse"**>**

**<div** class="container-fluid"**>**

**<div** class="navbar-header"**>**

**<a** class="navbar-brand" href="#"**>**WebSiteName**</a>**

**</div>**

**<ul** class="nav navbar-nav"**>**

**<li** class="active"**><a** href="#"**>**Home**</a></li>**

**<li><a** href="#"**>**Page 1**</a></li>**

**<li><a** href="#"**>**Page 2**</a></li>**

**<li><a** href="#"**>**Page 3**</a></li>**

**</ul>**

**</div>**

**</nav>**

2. **<div** class="container"**>**
3. **<h3>**Inverted Navbar**</h3>**
4. **<p>**An inverted navbar is black instead of gray.**</p>**
5. **</div>**
6. **<script** src="https://ajax.googleapis.com/ajax/libs/jquery/1.12.0/jquery.min.js"**></script>**
7. **<script** src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/js/bootstrap.min.js"**></script>**
8. **</body>**
9. **</html>**

[**Test it Now**](https://www.javatpoint.com/oprweb/test.jsp?filename=bootstrapnavbar2)

### **Bootstrap Navigation Bar with Dropdown**

You can also add dropdown menu with navigation bars. The following example adds a dropdown menu for the "page 1" button.

**See this example:**

1. <!DOCTYPE html**>**
2. **<html** lang="en"**>**
3. **<head>**
4. **<title>**Bootstrap Case**</title>**
5. **<meta** charset="utf-8"**>**
6. **<meta** name="viewport" content="width=device-width, initial-scale=1"**>**
7. **<link** rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css"**>**
9. **</head>**
10. **<body>**

**<nav** class="navbar navbar-inverse"**>**

**<div** class="container-fluid"**>**

**<div** class="navbar-header"**>**

**<a** class="navbar-brand" href="#"**>**WebSiteName**</a>**

**</div>**

**<ul** class="nav navbar-nav"**>**

**<li** class="active"**><a** href="#"**>**Home**</a></li>**

**<li** class="dropdown"**><a** class="dropdown-toggle" data-toggle="dropdown" href="#"**>**Page 1 **<span** class="caret"**></span></a>**

**<ul** class="dropdown-menu"**>**

**<li><a** href="#"**>**Page 1-1**</a></li>**

**<li><a** href="#"**>**Page 1-2**</a></li>**

**<li><a** href="#"**>**Page 1-3**</a></li>**

**</ul>**

**</li>**

**<li><a** href="#"**>**Page 2**</a></li>**

**<li><a** href="#"**>**Page 3**</a></li>**

**</ul>**

**</div>**

**</nav>**

1. **<div** class="container"**>**
2. **<h3>**Navbar With Dropdown**</h3>**
3. **<p>**This example adds a dropdown menu for the "Page 1" button in the navigation bar.**</p>**
4. **</div>**
5. **<script** src="https://ajax.googleapis.com/ajax/libs/jquery/1.12.0/jquery.min.js"**></script>**
6. **<script** src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/js/bootstrap.min.js"**></script>**
7. **</body>**
8. **</html>**

### **Bootstrap Right-Aligned Navigation Bar**

Use the**.navbar-right class** to right-align navigation bar buttons. In the following example, we add "Sign Up"and "Log in" button to the right in the navigation bar.

**See this example:**

1. <!DOCTYPE html**>**
2. **<html** lang="en"**>**
3. **<head>**
4. **<title>**Bootstrap Case**</title>**
5. **<meta** charset="utf-8"**>**
6. **<meta** name="viewport" content="width=device-width, initial-scale=1"**>**
7. **<link** rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css"**>**
9. **</head>**
10. **<body>**
12. **<nav** class="navbar navbar-inverse"**>**
13. **<div** class="container-fluid"**>**

**<div** class="navbar-header"**>**

**<a** class="navbar-brand" href="#"**>**WebSiteName**</a>**

**</div>**

**<ul** class="nav navbar-nav"**>**

**<li** class="active"**><a** href="#"**>**Home**</a></li>**

**<li** class="dropdown"**><a** class="dropdown-toggle" data-toggle="dropdown" href="#"**>**Page 1 **<span** class="caret"**></span></a>**

**<ul** class="dropdown-menu"**>**

**<li><a** href="#"**>**Page 1-1**</a></li>**

**<li><a** href="#"**>**Page 1-2**</a></li>**

**<li><a** href="#"**>**Page 1-3**</a></li>**

**</ul>**

**</li>**

**<li><a** href="#"**>**Page 2**</a></li>**

**<li><a** href="#"**>**Page 3**</a></li>**

**</ul>**

**<ul** class="nav navbar-nav navbar-right"**>**

**<li><a** href="#"**><span** class="glyphicon glyphicon-user"**></span>** Sign Up**</a></li>**

**<li><a** href="#"**><span** class="glyphicon glyphicon-log-in"**></span>** Login**</a></li>**

**</ul>**

**</div>**

**</nav>**

1. **<div** class="container"**>**
2. **<h3>**Right Aligned Navbar**</h3>**
3. **<p>**The .navbar-right class is used to right-align navigation bar buttons.**</p>**
4. **</div>**
5. **<script** src="https://ajax.googleapis.com/ajax/libs/jquery/1.12.0/jquery.min.js"**></script>**
6. **<script** src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/js/bootstrap.min.js"**></script>**
7. **</body>**
8. **</html>**

[**Test it Now**](https://www.javatpoint.com/oprweb/test.jsp?filename=bootstrapnavbar4)

## **Basic Navbar**

In Bootstrap 4, you can extend or collapse a navigation bar depending on the screen size. A standard navigation bar is created with the .navbar class, followed by a responsive collapsing class: .navbar-expand-xl|lg|md|sm (stacks the navbar vertically on extra-large, large, medium or small screens).

To add links inside the navbar, use a <ul> element with class="navbar-nav". Then add <li> elements with a .nav-item class followed by an <a> element with a .nav-link class.

### **Example:**

1. <!DOCTYPE html**>**
2. **<html** lang="en"**>**
3. **<head>**
4. **<title>**Bootstrap Example**</title>**
5. **<meta** charset="utf-8"**>**
6. **<meta** name="viewport" content="width=device-width, initial-scale=1"**>**
7. **<link** rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0-beta.2/css/bootstrap.min.css"**>**
8. **<script** src="https://ajax.googleapis.com/ajax/libs/jquery/3.2.1/jquery.min.js"**></script>**
9. **<script** src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.12.6/umd/popper.min.js"**></script>**
10. **<script** src="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0-beta.2/js/bootstrap.min.js"**></script>**
11. **</head>**
12. **<body>**
14. **<div** class="container-fluid"**>**
15. **<h3>**Basic Navbar Example**</h3>**
16. **<p>**A navigation bar is a navigation header that is placed at the top of the page.**</p>**
18. **</div>**

**<nav** class="navbar navbar-expand-sm bg-light"**>**

**<ul** class="navbar-nav"**>**

**<li** class="nav-item"**>**

**<a** class="nav-link" href="#"**>**Link 1**</a>**

**</li>**

**<li** class="nav-item"**>**

**<a** class="nav-link" href="#"**>**Link 2**</a>**

**</li>**

**<li** class="nav-item"**>**

**<a** class="nav-link" href="#"**>**Link 3**</a>**

**</li>**

**</ul>**

**</nav>**

1. **<br>**
2. **</body>**
3. **</html>**

[**Test it Now**](https://www.javatpoint.com/oprweb/test.jsp?filename=bootstrap4navbar1)

### **Vertical Navbar**

If you want to create a vertical navigation bar, remove the .navbar-expand-xl|lg|md|sm class.

### **Example:**

1. <!DOCTYPE html**>**
2. **<html** lang="en"**>**
3. **<head>**
4. **<title>**Bootstrap Example**</title>**
5. **<meta** charset="utf-8"**>**
6. **<meta** name="viewport" content="width=device-width, initial-scale=1"**>**
7. **<link** rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0-beta.2/css/bootstrap.min.css"**>**
8. **<script** src="https://ajax.googleapis.com/ajax/libs/jquery/3.2.1/jquery.min.js"**></script>**
9. **<script** src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.12.6/umd/popper.min.js"**></script>**
10. **<script** src="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0-beta.2/js/bootstrap.min.js"**></script>**
11. **</head>**
12. **<body>**
14. **<div** class="container-fluid"**>**
15. **<h3>**Vertical Navbar Example**</h3>**
16. **<p>**A navigation bar is a navigation header that is placed at the top of the page.**</p>**
17. **</div>**
19. **<nav** class="navbar bg-light"**>**
20. **<ul** class="navbar-nav"**>**
21. **<li** class="nav-item"**>**
22. **<a** class="nav-link" href="#"**>**Link 1**</a>**
23. **</li>**
24. **<li** class="nav-item"**>**
25. **<a** class="nav-link" href="#"**>**Link 2**</a>**
26. **</li>**
27. **<li** class="nav-item"**>**
28. **<a** class="nav-link" href="#"**>**Link 3**</a>**
29. **</li>**
30. **</ul>**
31. **</nav>**
32. **<br>**
34. **</body>**
35. **</html>**

[**Test it Now**](https://www.javatpoint.com/oprweb/test.jsp?filename=bootstrap4navbar2)

### **Colored Navbar**

You can use any of the .bg-color classes to change the background color of the navbar (.bg-primary, .bg-success, .bg-info, .bg-warning, .bg-danger, .bg-secondary, .bg-dark and .bg-light).

#### Note: Add a white text color to all links in the navbar with the .navbar-dark class, or use the .navbar-light class to add a black text color.

### **Example:**

1. <!DOCTYPE html**>**
2. **<html** lang="en"**>**
3. **<head>**
4. **<title>**Bootstrap Example**</title>**
5. **<meta** charset="utf-8"**>**
6. **<meta** name="viewport" content="width=device-width, initial-scale=1"**>**
7. **<link** rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0-beta.2/css/bootstrap.min.css"**>**
8. **<script** src="https://ajax.googleapis.com/ajax/libs/jquery/3.2.1/jquery.min.js"**></script>**
9. **<script** src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.12.6/umd/popper.min.js"**></script>**
10. **<script** src="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0-beta.2/js/bootstrap.min.js"**></script>**
11. **</head>**
12. **<body>**
13. **<div** class="container"**>**
14. **<h3>**Colored Navbar Example**</h3>**
16. **</div>**
17. **<nav** class="navbar navbar-expand-sm bg-light navbar-light"**>**
18. **<ul** class="navbar-nav"**>**
19. **<li** class="nav-item active"**>**
20. **<a** class="nav-link" href="#"**>**Active**</a>**
21. **</li>**
22. **<li** class="nav-item"**>**
23. **<a** class="nav-link" href="#"**>**Link**</a>**
24. **</li>**
25. **<li** class="nav-item"**>**
26. **<a** class="nav-link" href="#"**>**Link**</a>**
27. **</li>**
28. **<li** class="nav-item"**>**
29. **<a** class="nav-link disabled" href="#"**>**Disabled**</a>**
30. **</li>**
31. **</ul>**
32. **</nav>**
33. **<nav** class="navbar navbar-expand-sm bg-dark navbar-dark"**>**
34. **<ul** class="navbar-nav"**>**
35. **<li** class="nav-item active"**>**
36. **<a** class="nav-link" href="#"**>**Active**</a>**
37. **</li>**
38. **<li** class="nav-item"**>**
39. **<a** class="nav-link" href="#"**>**Link**</a>**
40. **</li>**
41. **<li** class="nav-item"**>**
42. **<a** class="nav-link" href="#"**>**Link**</a>**
43. **</li>**
44. **<li** class="nav-item"**>**
45. **<a** class="nav-link disabled" href="#"**>**Disabled**</a>**
46. **</li>**
47. **</ul>**
48. **</nav>**
49. **<nav** class="navbar navbar-expand-sm bg-primary navbar-dark"**>**
50. **<ul** class="navbar-nav"**>**
51. **<li** class="nav-item active"**>**
52. **<a** class="nav-link" href="#"**>**Active**</a>**
53. **</li>**
54. **<li** class="nav-item"**>**
55. **<a** class="nav-link" href="#"**>**Link**</a>**
56. **</li>**
57. **<li** class="nav-item"**>**
58. **<a** class="nav-link" href="#"**>**Link**</a>**
59. **</li>**
60. **<li** class="nav-item"**>**
61. **<a** class="nav-link disabled" href="#"**>**Disabled**</a>**
62. **</li>**
63. **</ul>**
64. **</nav>**
65. **<nav** class="navbar navbar-expand-sm bg-success navbar-dark"**>**
66. **<ul** class="navbar-nav"**>**
67. **<li** class="nav-item active"**>**
68. **<a** class="nav-link" href="#"**>**Active**</a>**
69. **</li>**
70. **<li** class="nav-item"**>**
71. **<a** class="nav-link" href="#"**>**Link**</a>**
72. **</li>**
73. **<li** class="nav-item"**>**
74. **<a** class="nav-link" href="#"**>**Link**</a>**
75. **</li>**
76. **<li** class="nav-item"**>**
77. **<a** class="nav-link disabled" href="#"**>**Disabled**</a>**
78. **</li>**
79. **</ul>**
80. **</nav>**
81. **<nav** class="navbar navbar-expand-sm bg-info navbar-dark"**>**
82. **<ul** class="navbar-nav"**>**
83. **<li** class="nav-item active"**>**
84. **<a** class="nav-link" href="#"**>**Active**</a>**
85. **</li>**
86. **<li** class="nav-item"**>**
87. **<a** class="nav-link" href="#"**>**Link**</a>**
88. **</li>**
89. **<li** class="nav-item"**>**
90. **<a** class="nav-link" href="#"**>**Link**</a>**
91. **</li>**
92. **<li** class="nav-item"**>**
93. **<a** class="nav-link disabled" href="#"**>**Disabled**</a>**
94. **</li>**
95. **</ul>**
96. **</nav>**
97. **<nav** class="navbar navbar-expand-sm bg-warning navbar-dark"**>**
98. **<ul** class="navbar-nav"**>**
99. **<li** class="nav-item active"**>**
100. **<a** class="nav-link" href="#"**>**Active**</a>**
101. **</li>**
102. **<li** class="nav-item"**>**
103. **<a** class="nav-link" href="#"**>**Link**</a>**
104. **</li>**
105. **<li** class="nav-item"**>**
106. **<a** class="nav-link" href="#"**>**Link**</a>**
107. **</li>**
108. **<li** class="nav-item"**>**
109. **<a** class="nav-link disabled" href="#"**>**Disabled**</a>**
110. **</li>**
111. **</ul>**
112. **</nav>**
113. **<nav** class="navbar navbar-expand-sm bg-danger navbar-dark"**>**
114. **<ul** class="navbar-nav"**>**
115. **<li** class="nav-item active"**>**
116. **<a** class="nav-link" href="#"**>**Active**</a>**
117. **</li>**
118. **<li** class="nav-item"**>**
119. **<a** class="nav-link" href="#"**>**Link**</a>**
120. **</li>**
121. **<li** class="nav-item"**>**
122. **<a** class="nav-link" href="#"**>**Link**</a>**
123. **</li>**
124. **<li** class="nav-item"**>**
125. **<a** class="nav-link disabled" href="#"**>**Disabled**</a>**
126. **</li>**
127. **</ul>**
128. **</nav>**
129. **<nav** class="navbar navbar-expand-sm bg-secondary navbar-dark"**>**
130. **<ul** class="navbar-nav"**>**
131. **<li** class="nav-item active"**>**
132. **<a** class="nav-link" href="#"**>**Active**</a>**
133. **</li>**
134. **<li** class="nav-item"**>**
135. **<a** class="nav-link" href="#"**>**Link**</a>**
136. **</li>**
137. **<li** class="nav-item"**>**
138. **<a** class="nav-link" href="#"**>**Link**</a>**
139. **</li>**
140. **<li** class="nav-item"**>**
141. **<a** class="nav-link disabled" href="#"**>**Disabled**</a>**
142. **</li>**
143. **</ul>**
144. **</nav>**
145. **</body>**
146. **</html>**

[**Test it Now**](https://www.javatpoint.com/oprweb/test.jsp?filename=bootstrap4navbar3)

### **Brand / Logo**

The .navbar-brand class is used to highlight the brand/logo/project name of your page.

### **Example:**

1. <!DOCTYPE html**>**
2. **<html** lang="en"**>**
3. **<head>**
4. **<title>**Bootstrap Example**</title>**
5. **<meta** charset="utf-8"**>**
6. **<meta** name="viewport" content="width=device-width, initial-scale=1"**>**
7. **<link** rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0-beta.2/css/bootstrap.min.css"**>**
8. **<script** src="https://ajax.googleapis.com/ajax/libs/jquery/3.2.1/jquery.min.js"**></script>**
9. **<script** src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.12.6/umd/popper.min.js"**></script>**
10. **<script** src="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0-beta.2/js/bootstrap.min.js"**></script>**
11. **</head>**
12. **<body>**

**<nav** class="navbar navbar-expand-sm bg-dark navbar-dark"**>**

  <!-- Brand/logo -->

**<a** class="navbar-brand" href="#"**>**Logo**</a>**

  <!-- Links -->

**<ul** class="navbar-nav"**>**

**<li** class="nav-item"**>**

**<a** class="nav-link" href="#"**>**Link 1**</a>**

**</li>**

**<li** class="nav-item"**>**

**<a** class="nav-link" href="#"**>**Link 2**</a>**

**</li>**

**<li** class="nav-item"**>**

**<a** class="nav-link" href="#"**>**Link 3**</a>**

**</li>**

**</ul>**

**</nav>**

**<div** class="container-fluid"**>**

**<h3>**Brand / Logo**</h3>**

**</div>**

2. **</body>**
3. **</html>**

[**Test it Now**](https://www.javatpoint.com/oprweb/test.jsp?filename=bootstrap4navbar4)

If you use .navbar-brand class on images, Bootstrap 4 will automatically style the image to fit the navbar.

### **Example:**

1. <!DOCTYPE html**>**
2. **<html** lang="en"**>**
3. **<head>**
4. **<title>**Bootstrap Example**</title>**
5. **<meta** charset="utf-8"**>**
6. **<meta** name="viewport" content="width=device-width, initial-scale=1"**>**
7. **<link** rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0-beta.2/css/bootstrap.min.css"**>**
8. **<script** src="https://ajax.googleapis.com/ajax/libs/jquery/3.2.1/jquery.min.js"**></script>**
9. **<script** src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.12.6/umd/popper.min.js"**></script>**
10. **<script** src="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0-beta.2/js/bootstrap.min.js"**></script>**
11. **</head>**
12. **<body>**
13. **<nav** class="navbar navbar-expand-sm bg-dark navbar-dark"**>**
14. <!-- Brand/logo -->
15. **<a** class="navbar-brand" href="#"**>**
16. **<img** src="image" alt="logo" style="width:40px;"**>**
17. **</a>**
18. <!-- Links -->
19. **<ul** class="navbar-nav"**>**
20. **<li** class="nav-item"**>**
21. **<a** class="nav-link" href="#"**>**Link 1**</a>**
22. **</li>**
23. **<li** class="nav-item"**>**
24. **<a** class="nav-link" href="#"**>**Link 2**</a>**
25. **</li>**
26. **<li** class="nav-item"**>**
27. **<a** class="nav-link" href="#"**>**Link 3**</a>**
28. **</li>**
29. **</ul>**
30. **</nav>**
31. **<div** class="container-fluid"**>**
32. **<h3>**Brand / Logo**</h3>**
33. **</div>**
34. **</body>**
35. **</html>**

[**Test it Now**](https://www.javatpoint.com/oprweb/test.jsp?filename=bootstrap4navbar5)

### **Navbar Forms and Buttons**

The <form> element with class="form-inline" is used to group inputs and buttons side-by-side.

### **Example:**

1. <!DOCTYPE html**>**
2. **<html** lang="en"**>**
3. **<head>**
4. **<title>**Bootstrap Example**</title>**
5. **<meta** charset="utf-8"**>**
6. **<meta** name="viewport" content="width=device-width, initial-scale=1"**>**
7. **<link** rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0-beta.2/css/bootstrap.min.css"**>**
8. **<script** src="https://ajax.googleapis.com/ajax/libs/jquery/3.2.1/jquery.min.js"**></script>**
9. **<script** src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.12.6/umd/popper.min.js"**></script>**
10. **<script** src="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0-beta.2/js/bootstrap.min.js"**></script>**
11. **</head>**
12. **<body>**

**<nav** class="navbar navbar-expand-sm bg-dark navbar-dark"**>**

**<form** class="form-inline" action="/action\_page.php"**>**

**<input** class="form-control" type="text" placeholder="Search"**>**

**<button** class="btn btn-success" type="submit"**>**Search**</button>**

**</form>**

**</nav>**

**<br>**

**<div** class="container"**>**

**<h3>**Navbar Forms**</h3>**

**<p>**Use the .form-inline class to align form elements side by side inside the navbar.**</p>**

**</div>**

1. **</body>**
2. **</html>**

[**Test it Now**](https://www.javatpoint.com/oprweb/test.jsp?filename=bootstrap4navbar6)

You can also use other input classes, such as .input-group-addon to attach an icon or help text next to the input field. You will learn more about these classes in the Bootstrap Inputs chapter.

### **Example:**

1. <!DOCTYPE html**>**
2. **<html** lang="en"**>**
3. **<head>**
4. **<title>**Bootstrap Example**</title>**
5. **<meta** charset="utf-8"**>**
6. **<meta** name="viewport" content="width=device-width, initial-scale=1"**>**
7. **<link** rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0-beta.2/css/bootstrap.min.css"**>**
8. **<script** src="https://ajax.googleapis.com/ajax/libs/jquery/3.2.1/jquery.min.js"**></script>**
9. **<script** src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.12.6/umd/popper.min.js"**></script>**
10. **<script** src="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0-beta.2/js/bootstrap.min.js"**></script>**
11. **</head>**
12. **<body>**

**<nav** class="navbar navbar-expand-sm bg-dark navbar-dark"**>**

**<form** class="form-inline"**>**

**<div** class="input-group"**>**

**<span** class="input-group-addon"**>**@**</span>**

**<input** type="text" class="form-control" placeholder="Username"**>**

**</div>**

**</form>**

**</nav>**

1. **<br>**
2. **<div** class="container"**>**
3. **<h3>**Navbar Forms**</h3>**
4. **<p>**Use the .form-inline class to align form elements side by side inside the navbar.**</p>**
5. **</div>**
6. **</body>**
7. **</html>**

[**Test it Now**](https://www.javatpoint.com/oprweb/test.jsp?filename=bootstrap4navbar7)

### **Navbar Text**

The .navbar-text class is used to vertical align any elements inside the navbar that are not links. You must ensure the proper padding and text color.

### **Example:**

1. <!DOCTYPE html**>**
2. **<html** lang="en"**>**
3. **<head>**
4. **<title>**Bootstrap Example**</title>**
5. **<meta** charset="utf-8"**>**
6. **<meta** name="viewport" content="width=device-width, initial-scale=1"**>**
7. **<link** rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0-beta.2/css/bootstrap.min.css"**>**
8. **<script** src="https://ajax.googleapis.com/ajax/libs/jquery/3.2.1/jquery.min.js"**></script>**
9. **<script** src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.12.6/umd/popper.min.js"**></script>**
10. **<script** src="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0-beta.2/js/bootstrap.min.js"**></script>**
11. **</head>**
12. **<body>**
13. **<nav** class="navbar navbar-expand-sm bg-dark navbar-dark"**>**
14. <!-- Links -->
15. **<ul** class="navbar-nav"**>**
16. **<li** class="nav-item"**>**
17. **<a** class="nav-link" href="#"**>**Link 1**</a>**
18. **</li>**
19. **<li** class="nav-item"**>**
20. **<a** class="nav-link" href="#"**>**Link 2**</a>**
21. **</li>**
22. **</ul>**
23. <!-- Navbar text-->
24. **<span** class="navbar-text"**>**
25. Navbar text
26. **</span>**
27. **</nav>**
28. **<br>**
29. **<div** class="container"**>**
30. **<h3>**Navbar Text**</h3>**
31. **</div>**
32. **</body>**
33. **</html>**

[**Test it Now**](https://www.javatpoint.com/oprweb/test.jsp?filename=bootstrap4navbar8)

### **Fixed Navigation Bar**

You can make navigation bar to be fixed at the top or at the bottom of the page. The fixed navigation bar stays visible at a fixed position (top or bottom) without depending on page scrolling.

**Top Fixed navbar**

The .fixed-top class makes the navigation bar fixed at the top.

### **Example:**

1. <!DOCTYPE html**>**
2. **<html** lang="en"**>**
3. **<head>**
4. **<title>**Bootstrap Example**</title>**
5. **<meta** charset="utf-8"**>**
6. **<meta** name="viewport" content="width=device-width, initial-scale=1"**>**
7. **<link** rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0-beta.2/css/bootstrap.min.css"**>**
8. **<script** src="https://ajax.googleapis.com/ajax/libs/jquery/3.2.1/jquery.min.js"**></script>**
9. **<script** src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.12.6/umd/popper.min.js"**></script>**
10. **<script** src="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0-beta.2/js/bootstrap.min.js"**></script>**
11. **</head>**
12. **<body** style="height:1500px"**>**
13. **<nav** class="navbar navbar-expand-sm bg-dark navbar-dark fixed-top"**>**
14. **<a** class="navbar-brand" href="#"**>**Logo**</a>**
15. **<ul** class="navbar-nav"**>**
16. **<li** class="nav-item"**>**
17. **<a** class="nav-link" href="#"**>**Link**</a>**
18. **</li>**
19. **<li** class="nav-item"**>**
20. **<a** class="nav-link" href="#"**>**Link**</a>**
21. **</li>**
22. **</ul>**
23. **</nav>**
24. **<div** class="container-fluid" style="margin-top:80px"**>**
25. **<h3>**Top Fixed Navbar**</h3>**
26. **</div>**
27. **</body>**
28. **</html>**

[**Test it Now**](https://www.javatpoint.com/oprweb/test.jsp?filename=bootstrap4navbar9)

### **Bottom Fixed Navbar**

The .fixed-bottom class is used to make the navbar stay at the bottom of the page.

### **Example:**

1. <!DOCTYPE html**>**
2. **<html** lang="en"**>**
3. **<head>**
4. **<title>**Bootstrap Example**</title>**
5. **<meta** charset="utf-8"**>**
6. **<meta** name="viewport" content="width=device-width, initial-scale=1"**>**
7. **<link** rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0-beta.2/css/bootstrap.min.css"**>**
8. **<script** src="https://ajax.googleapis.com/ajax/libs/jquery/3.2.1/jquery.min.js"**></script>**
9. **<script** src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.12.6/umd/popper.min.js"**></script>**
10. **<script** src="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0-beta.2/js/bootstrap.min.js"**></script>**
11. **</head>**
12. **<body** style="height:1500px"**>**
13. **<nav** class="navbar navbar-expand-sm bg-dark navbar-dark fixed-bottom"**>**
14. **<a** class="navbar-brand" href="#"**>**Logo**</a>**
15. **<ul** class="navbar-nav"**>**
16. **<li** class="nav-item"**>**
17. **<a** class="nav-link" href="javascript:void(0)"**>**Link**</a>**
18. **</li>**
19. **<li** class="nav-item"**>**
20. **<a** class="nav-link" href="javascript:void(0)"**>**Link**</a>**
21. **</li>**
22. **</ul>**
23. **</nav>**
24. **<div** class="container-fluid"**><br>**
25. **<h3>**Bottom Fixed Navbar**</h3>**
26. **<h1>**Scroll this page to see the effect**</h1>**
27. **</div>**
28. **</body>**
29. **</html>**

[**Test it Now**](https://www.javatpoint.com/oprweb/test.jsp?filename=bootstrap4navbar10)

### **Sticky Navbar**

A sticky navigation bar stays fixed at the top of the page when you scroll past it. You can see the effect by scrolling this page.

#### Note: This facility doesn't work in IE11 and earlier version.

### **Example:**

1. <!DOCTYPE html**>**
2. **<html** lang="en"**>**
3. **<head>**
4. **<title>**Bootstrap Example**</title>**
5. **<meta** charset="utf-8"**>**
6. **<meta** name="viewport" content="width=device-width, initial-scale=1"**>**
7. **<link** rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0-beta.2/css/bootstrap.min.css"**>**
8. **<script** src="https://ajax.googleapis.com/ajax/libs/jquery/3.2.1/jquery.min.js"**></script>**
9. **<script** src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.12.6/umd/popper.min.js"**></script>**
10. **<script** src="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0-beta.2/js/bootstrap.min.js"**></script>**
11. **</head>**
12. **<body** style="height:1500px"**>**
14. **<div** class="container-fluid"**>**
15. **<br>**
16. **<h3>**Sticky Navbar**</h3>**
17. **<p>**You can see the effect by scrolling this page.**</p>**
18. **<p><strong>**Note:**</strong>** This facility doesn't work in IE11 and earlier version. **</p>**
19. **</div>**
21. **<nav** class="navbar navbar-expand-sm bg-dark navbar-dark sticky-top"**>**
22. **<a** class="navbar-brand" href="#"**>**Logo**</a>**
23. **<ul** class="navbar-nav"**>**
24. **<li** class="nav-item"**>**
25. **<a** class="nav-link" href="#"**>**Link**</a>**
26. **</li>**
27. **<li** class="nav-item"**>**
28. **<a** class="nav-link" href="#"**>**Link**</a>**
29. **</li>**
30. **</ul>**
31. **</nav>**
33. **<div** class="container-fluid"**><br>**
34. **<p>**Some example text. Some example text. Some example text. Some example text. Some example text.**</p>**
35. **<p>**Some example text. Some example text. Some example text. Some example text. Some example text.**</p>**
36. **<p>**Some example text. Some example text. Some example text. Some example text. Some example text.**</p>**
37. **<p>**Some example text. Some example text. Some example text. Some example text. Some example text.**</p>**
38. **</div>**
40. **</body>**
41. **</html>**

# Bootstrap Inputs

### **Bootstrap Input Types**

Input type: checkbox

Input type: radio button

### **Bootstrap Checkbox**

Checkbox facilitates you to select any number of options from a list of present options.

**See this example:**

1. <!DOCTYPE html**>**
2. **<html** lang="en"**>**
3. **<head>**
4. **<title>**Bootstrap Example**</title>**
5. **<meta** charset="utf-8"**>**
6. **<meta** name="viewport" content="width=device-width, initial-scale=1"**>**
7. **<link** rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css"**>**
9. **</head>**
10. **<body>**
12. **<div** class="container"**>**
13. **<h2>**Input type: checkbox**</h2>**
14. **<form** role="form"**>**
15. **<div** class="checkbox"**>**
16. **<label><input** type="checkbox" value=""**>**Option 1**</label>**
17. **</div>**
18. **<div** class="checkbox"**>**
19. **<label><input** type="checkbox" value=""**>**Option 2**</label>**
21. **</div>**
22. **</form>**
23. **</div>**
24. **<script** src="https://ajax.googleapis.com/ajax/libs/jquery/1.12.0/jquery.min.js"**></script>**
25. **<script** src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/js/bootstrap.min.js"**></script>**
26. **</body>**
27. **</html>**

Use the **.checkbox-inline class** if you want the checkboxes to appear on the same line:

**See this example:**

<!DOCTYPE html**>**

**<html** lang="en"**>**

**<head>**

**<title>**Bootstrap Example**</title>**

**<meta** charset="utf-8"**>**

**<meta** name="viewport" content="width=device-width, initial-scale=1"**>**

**<link** rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css"**>**

**</head>**

**<body>**

**<div** class="container"**>**

**<h2>**Inline checkbox**</h2>**

**<p>**The following checkboxes appear in the same line :**</p>**

**<form** role="form"**>**

**<label** class="checkbox-inline"**>**

**<input** type="checkbox" value=""**>**Option 1

**</label>**

**<label** class="checkbox-inline"**>**

**<input** type="checkbox" value=""**>**Option 2

**</label>**

**</form>**

**</div>**

**<script** src="https://ajax.googleapis.com/ajax/libs/jquery/1.12.0/jquery.min.js"**></script>**

**<script** src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/js/bootstrap.min.js"**></script>**

**</body>**

**</html>**

### **Bootstrap Radio Buttons**

Radio buttons also facilitates you to select any number of options from a list of present options.

**See this example:**

1. <!DOCTYPE html**>**
2. **<html** lang="en"**>**
3. **<head>**
4. **<title>**Bootstrap Example**</title>**
5. **<meta** charset="utf-8"**>**
6. **<meta** name="viewport" content="width=device-width, initial-scale=1"**>**
7. **<link** rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css"**>**
9. **</head>**
10. **<body>**
11. **<div** class="container"**>**
12. **<h2>**Input type: Radio buttons**</h2>**
14. **<form** role="form"**>**

**<div** class="radio"**>**

**<label><input** type="radio" name="optradio"**>**Option 1**</label>**

**</div>**

**<div** class="radio"**>**

**<label><input** type="radio" name="optradio"**>**Option 2**</label>**

**</div>**

1. **</form>**
2. **</div>**
3. **<script** src="https://ajax.googleapis.com/ajax/libs/jquery/1.12.0/jquery.min.js"**></script>**
4. **<script** src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/js/bootstrap.min.js"**></script>**
5. **</body>**
6. **</html>**

Use the **.radio-inline class** if you want the radio buttons to appear on the same line:

**See this example:**

1. <!DOCTYPE html**>**
2. **<html** lang="en"**>**
3. **<head>**
4. **<title>**Bootstrap Example**</title>**
5. **<meta** charset="utf-8"**>**
6. **<meta** name="viewport" content="width=device-width, initial-scale=1"**>**
7. **<link** rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css"**>**
9. **</head>**
10. **<body>**
12. **<div** class="container"**>**
13. **<h2>**Inline radio buttons**</h2>**
14. **<p>**The following radio boxes appear in the same line:**</p>**
15. **<form** role="form"**>**

**<label** class="radio-inline"**>**

**<input** type="radio" name="optradio"**>**Option 1

**</label>**

**<label** class="radio-inline"**>**

**<input** type="radio" name="optradio"**>**Option 2

**</label>**

1. **</form>**
2. **</div>**
3. **<script** src="https://ajax.googleapis.com/ajax/libs/jquery/1.12.0/jquery.min.js"**></script>**
4. **<script** src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/js/bootstrap.min.js"**></script>**
5. **</body>**
6. **</html>**

# Bootstrap 4 Inputs

Bootstrap 4 supports following types of form controls:

* input
* textarea
* checkbox
* radio
* select

## **Bootstrap Input**

Bootstrap supports all the HTML5 input types: text, password, datetime, datetime-local, date, month, time, week, number, email, url, search, tel, and color.

#### Note: Inputs will NOT be fully styled if their type is not properly declared!

### **Example:**

1. <!DOCTYPE html**>**
2. **<html** lang="en"**>**
3. **<head>**
4. **<title>**Bootstrap Example**</title>**
5. **<meta** charset="utf-8"**>**
6. **<meta** name="viewport" content="width=device-width, initial-scale=1"**>**
7. **<link** rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0-beta.2/css/bootstrap.min.css"**>**
8. **<script** src="https://ajax.googleapis.com/ajax/libs/jquery/3.2.1/jquery.min.js"**></script>**
9. **<script** src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.12.6/umd/popper.min.js"**></script>**
10. **<script** src="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0-beta.2/js/bootstrap.min.js"**></script>**
11. **</head>**
12. **<body>**
13. **<div** class="container"**>**
14. **<h2>**Form control: input example**</h2>**
15. **<form>**

**<div** class="form-group"**>**

**<label** for="usr"**>**Name:**</label>**

**<input** type="text" class="form-control" id="usr"**>**

**</div>**

**<div** class="form-group"**>**

**<label** for="pwd"**>**Password:**</label>**

**<input** type="password" class="form-control" id="pwd"**>**

**</div>**

1. **</form>**
2. **</div>**
3. **</body>**
4. **</html>**

## **Bootstrap Textarea**

Use textarea with "form-control" to create a Bootstrap textarea.

### **Example:**

1. <!DOCTYPE html**>**
2. **<html** lang="en"**>**
3. **<head>**
4. **<title>**Bootstrap Example**</title>**
5. **<meta** charset="utf-8"**>**
6. **<meta** name="viewport" content="width=device-width, initial-scale=1"**>**
7. **<link** rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0-beta.2/css/bootstrap.min.css"**>**
8. **<script** src="https://ajax.googleapis.com/ajax/libs/jquery/3.2.1/jquery.min.js"**></script>**
9. **<script** src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.12.6/umd/popper.min.js"**></script>**
10. **<script** src="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0-beta.2/js/bootstrap.min.js"**></script>**
11. **</head>**
12. **<body>**
13. **<div** class="container"**>**
14. **<h2>**Form control: textarea**</h2>**
15. **<p>**The form below contains a textarea for comments:**</p>**
16. **<form>**

**<div** class="form-group"**>**

**<label** for="comment"**>**Comment:**</label>**

**<textarea** class="form-control" rows="5" id="comment"**></textarea>**

**</div>**

1. **</form>**
2. **</div>**
3. **</body>**
4. **</html>**

## **Bootstrap Select List**

Bootstrap Select List is used to select single or multiple list. Select list is used if you want to allow the user to pick form multiple options.

### **Example:**

1. <!DOCTYPE html**>**
2. **<html** lang="en"**>**
3. **<head>**
4. **<title>**Bootstrap Example**</title>**
5. **<meta** charset="utf-8"**>**
6. **<meta** name="viewport" content="width=device-width, initial-scale=1"**>**
7. **<link** rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0-beta.2/css/bootstrap.min.css"**>**
8. **<script** src="https://ajax.googleapis.com/ajax/libs/jquery/3.2.1/jquery.min.js"**></script>**
9. **<script** src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.12.6/umd/popper.min.js"**></script>**
10. **<script** src="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0-beta.2/js/bootstrap.min.js"**></script>**
11. **</head>**
12. **<body>**
13. **<div** class="container"**>**
14. **<h2>**Form control: select**</h2>**
15. **<p>**The form below contains two dropdown menus (select lists):**</p>**
16. **<form>**
17. **<div** class="form-group"**>**
18. **<label** for="sel1"**>**Select list (select one):**</label>**
19. **<select** class="form-control" id="sel1"**>**
20. **<option>**1**</option>**
21. **<option>**2**</option>**
22. **<option>**3**</option>**
23. **<option>**4**</option>**
24. **</select>**
25. **<br>**
26. **<label** for="sel2"**>**Mutiple select list (hold shift to select more than one):**</label>**
27. **<select** multiple class="form-control" id="sel2"**>**
28. **<option>**1**</option>**
29. **<option>**2**</option>**
30. **<option>**3**</option>**
31. **<option>**4**</option>**
32. **<option>**5**</option>**
33. **</select>**
34. **</div>**
35. **</form>**
36. **</div>**
37. **</body>**
38. **</html>**

# Bootstrap Dropdowns

Dropdown menus are toggleable, contextual menus, used for displaying links in a list format. It facilitates users to choose one value from a predefined list. This can be made interactive with the dropdown JavaScript plugin.

You have to wrap dropdown menu within the class .dropdown to create Bootstrap Dropdown.

## **Bootstrap Dropdown Example**

1. <!DOCTYPE html**>**
2. **<html>**
3. **<head>**
4. **<meta** name="viewport" content="width=device-width, initial-scale=1"**>**
5. **<link** rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css"**>**
7. **</head>**
8. **<body>**
10. **<div** class="container"**>**

**<h2>**Dropdowns**</h2>**

**<p>**The .dropdown class is used to indicate a dropdown menu.**</p>**

**<p>**Use the .dropdown-menu class to actually build the dropdown menu.**</p>**

**<p>**To open the dropdown menu, use a button or a link with a class of .dropdown-toggle and data-toggle="dropdown".**</p>**

**<div** class="dropdown"**>**

**<button** class="btn btn-primary dropdown-toggle" type="button" data-toggle="dropdown"**>**Dropdown Example

**<span** class="caret"**></span></button>**

**<ul** class="dropdown-menu"**>**

**<li><a** href="#"**>**HTML**</a></li>**

**<li><a** href="#"**>**CSS**</a></li>**

**<li><a** href="#"**>**JavaScript**</a></li>**

**</ul>**

**</div>**

1. **</div>**
3. **<script** src="https://ajax.googleapis.com/ajax/libs/jquery/1.12.0/jquery.min.js"**></script>**
4. **<script** src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/js/bootstrap.min.js"**></script>**
6. **</body>**
7. **</html>**

### **Bootstrap Dropdown Divider**

The **class .divider** is used to separate links inside the dropdown menu:

**See this example:**

1. <!DOCTYPE html**>**
2. **<html>**
3. **<head>**
4. **<meta** name="viewport" content="width=device-width, initial-scale=1"**>**
5. **<link** rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css"**>**
7. **</head>**
8. **<body>**
10. **<div** class="container"**>**
11. **<h2>**Dropdowns**</h2>**
12. **<p>**The .divider class is used to separate links inside the dropdown menu:**</p>**

**<div** class="dropdown"**>**

**<button** class="btn btn-default dropdown-toggle" type="button" data-toggle="dropdown"**>**Tutorials

**<span** class="caret"**></span></button>**

**<ul** class="dropdown-menu"**>**

**<li><a** href="#"**>**HTML**</a></li>**

**<li><a** href="#"**>**CSS**</a></li>**

**<li><a** href="#"**>**JavaScript**</a></li>**

**<li** class="divider"**></li>**

**<li><a** href="#"**>**About Us**</a></li>**

**</ul>**

**</div>**

1. **</div>**
3. **<script** src="https://ajax.googleapis.com/ajax/libs/jquery/1.12.0/jquery.min.js"**></script>**
4. **<script** src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/js/bootstrap.min.js"**></script>**
6. **</body>**
7. **</html>**

### **Bootstrap Dropdown Header**

The **class .dropdown-header** is used to add headers inside the dropdown menu.

**See this example:**

1. <!DOCTYPE html**>**
2. **<html>**
3. **<head>**
4. **<meta** name="viewport" content="width=device-width, initial-scale=1"**>**
5. **<link** rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css"**>**
7. **</head>**
8. **<body>**
10. **<div** class="container"**>**
11. **<h2>**Dropdowns**</h2>**
12. **<p>**The .dropdown-header class is used to add headers inside the dropdown menu:**</p>**
13. **<div** class="dropdown"**>**
14. **<button** class="btn btn-default dropdown-toggle" type="button" data-toggle="dropdown"**>**Tutorials
15. **<span** class="caret"**></span></button>**
16. **<ul** class="dropdown-menu"**>**
17. **<li** class="dropdown-header"**>**Dropdown header 1**</li>**
18. **<li><a** href="#"**>**HTML**</a></li>**
19. **<li><a** href="#"**>**CSS**</a></li>**
20. **<li><a** href="#"**>**JavaScript**</a></li>**
21. **<li** class="divider"**></li>**
22. **<li** class="dropdown-header"**>**Dropdown header 2**</li>**
23. **<li><a** href="#"**>**About Us**</a></li>**
24. **</ul>**
25. **</div>**
26. **</div>**
28. **<script** src="https://ajax.googleapis.com/ajax/libs/jquery/1.12.0/jquery.min.js"**></script>**
29. **<script** src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/js/bootstrap.min.js"**></script>**
31. **</body>**
32. **</html>**

## **Bootstrap 4 Utilities**

Bootstrap 4 has a lot of utility/helper classes to quickly style elements without using any CSS code.

## **Borders**

Use the border classes to add or remove borders from an element:

### **Example**

### **Example**

<span class="border"></span>  
<span class="border border-0"></span>  
<span class="border border-top-0"></span>  
<span class="border border-right-0"></span>  
<span class="border border-bottom-0"></span>  
<span class="border border-left-0"></span>

## **Border Color**

Add a color to the border with any of the contextual border color classes:

### **Example**

### **Example**

<span class="border border-primary"></span>  
<span class="border border-secondary"></span>  
<span class="border border-success"></span>  
<span class="border border-danger"></span>  
<span class="border border-warning"></span>  
<span class="border border-info"></span>  
<span class="border border-light"></span>  
<span class="border border-dark"></span>  
<span class="border border-white"></span>

**Float**

<div class="float-sm-right">Float right on small screens or wider</div><br>  
<div class="float-md-right">Float right on medium screens or wider</div><br>  
<div class="float-lg-right">Float right on large screens or wider</div><br>  
<div class="float-xl-right">Float right on extra large screens or wider</div><br>  
<div class="float-none">Float none</div>

# Bootstrap JS Popover

## **JS Popover**

The Popover component is similar to tooltips; it is a pop-up box that appears when the user clicks on an element. The difference is that the popover can contain much more content.

## **Enable via data-\* Attributes**

The data-toggle="popover" activates the popover.

The title attribute specifies the header text of the popover.

The data-content attribute specifies the text that should be displayed inside the popover's body.

### **Example**

<!DOCTYPE html>

<html lang="en">

<head>

<title>Bootstrap Example</title>

<meta charset="utf-8">

<meta name="viewport" content="width=device-width, initial-scale=1">

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">

<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>

<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.16.0/umd/popper.min.js"></script>

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>

</head>

<body>

<div class="container mt-3">

<h3>Popover Example</h3>

<p>Popovers must be initialized with jQuery: select the specified element and call the popover() method.</p>

<a href="#" data-toggle="popover" title="Popover Header" data-content="Some content inside the popover">Toggle popover</a>

</div>

<script>

$(document).ready(function(){

$('[data-toggle="popover"]').popover();

});

</script>

</body>

</html>

# Flexbox

Flexbox is used to quickly manage the layout, alignment and sizing of grid columns, navigation, components, and more with a full suite of responsive flexbox utilities.

You can also do complex implementations using custom CSS.

**Flexbox Properties:**

* Enable flex behaviors
* Direction
* Justify content
* Align items
* Align self
* Auto margins with justify-content
* Auto margins with align-items
* Wrap
* Order
* Align content

## **Enable Flex Behavior**

The "display" utility is used to create a flexible container and transform direct children elements into flex items.

You can modify flex container and items further with additional flex properties.

**Default flexbox container:**

1. **<div** class="d-flex p-2"**>**I'm a flexbox container!**</div>**

**Inline Flexbox container:**

1. **<div** class="d-inline-flex p-2"**>**I'm an inline flexbox container!**</div>**

**Responsive flexbox container:**

Responsive variations also exist for .d-flex and .d-inline-flex.

* .d-flex
* .d-inline-flex
* .d-sm-flex
* .d-sm-inline-flex
* .d-md-flex
* .d-md-inline-flex
* .d-lg-flex
* .d-lg-inline-flex
* .d-xl-flex
* .d-xl-inline-flex

### **Flexbox Direction**

You can set the direction of flex item in a flex container using direction utilities. It is not necessary to add a horizontal class here because by default it is row. If you find a situation where you have to set this value you can use ".flex-row" to set a horizontal direction (the browser default), or ?.flex-row-reverse? to start the horizontal direction from the opposite side.

**Example**

**Horizontal Direction (By default)**

1. **<div** class="d-flex flex-row"**>**
2. **<div** class="p-2"**>**Flex item 1**</div>**
3. **<div** class="p-2"**>**Flex item 2**</div>**
4. **<div** class="p-2"**>**Flex item 3**</div>**
5. **</div>**
6. **<div** class="d-flex flex-row-reverse"**>**
7. **<div** class="p-2"**>**Flex item 1**</div>**
8. **<div** class="p-2"**>**Flex item 2**</div>**
9. **<div** class="p-2"**>**Flex item 3**</div>**
10. **</div>**

**Vertical Direction**

You can use the ".flex-column" to set a vertical direction, or ".flex-column-reverse" to start the vertical direction from the opposite side.

**Example**

**<div** class="d-flex flex-column"**>**

**<div** class="p-2"**>**Flex item 1**</div>**

**<div** class="p-2"**>**Flex item 2**</div>**

**<div** class="p-2"**>**Flex item 3**</div>**

**</div>**

**<div** class="d-flex flex-column-reverse"**>**

**<div** class="p-2"**>**Flex item 1**</div>**

**<div** class="p-2"**>**Flex item 2**</div>**

**<div** class="p-2"**>**Flex item 3**</div>**

**</div>**

**Responsive variations can also be used for flex-direction:**

**Rows:**

.flex-row  
.flex-row-reverse

**Columns:**

.flex-column  
.flex-column-reverse

**Small:**

.flex-sm-row  
.flex-sm-row-reverse  
.flex-sm-column  
.flex-sm-column-reverse

**Medium:**

.flex-md-row  
.flex-md-row-reverse  
.flex-md-column  
.flex-md-column-reverse

**Large:**

.flex-lg-row  
.flex-lg-row-reverse  
.flex-lg-column

.flex-lg-column-reverse

**Extra-large:**

.flex-xl-row  
.flex-xl-row-reverse  
.flex-xl-column  
.flex-xl-column-reverse

### **Justify Content**

The justify-content utility is used to change the alignment of flex-items on the main axis.

**Example:**

1. **<div** class="d-flex justify-content-start"**>**...**</div>**
2. **<div** class="d-flex justify-content-end"**>**...**</div>**
3. **<div** class="d-flex justify-content-center"**>**...**</div>**
4. **<div** class="d-flex justify-content-between"**>**...**</div>**
5. **<div** class="d-flex justify-content-around"**>**...**</div>**

### **Responsive variations for justify-content**

You can also use responsive variations with justify-content.

* .justify-content-start
* .justify-content-end
* .justify-content-center
* .justify-content-between
* .justify-content-around
* .justify-content-sm-start
* .justify-content-sm-end
* .justify-content-sm-center
* .justify-content-sm-between
* .justify-content-sm-around
* .justify-content-md-start
* .justify-content-md-end
* .justify-content-md-center
* .justify-content-md-between
* .justify-content-md-around
* .justify-content-lg-start
* .justify-content-lg-end
* .justify-content-lg-center
* .justify-content-lg-between
* .justify-content-lg-around
* .justify-content-xl-start
* .justify-content-xl-end
* .justify-content-xl-center
* .justify-content-xl-between
* .justify-content-xl-around

### **Align Items**

The **align items** utility is used on flexbox containers to change the alignment of flex items on the cross axis. You can choose from start, end, center, baseline, or stretch (browser default).

**Example:**

**<div** class="d-flex align-items-start"**>**...**</div>**

**<div** class="d-flex align-items-end"**>**...**</div>**

**<div** class="d-flex align-items-center"**>**...**</div>**

**<div** class="d-flex align-items-baseline"**>**...**</div>**

**<div** class="d-flex align-items-stretch"**>**...**</div>**

### **Responsive variations for align-items**

You can also use responsive variations for align-items.

* .align-items-start
* .align-items-end
* .align-items-center
* .align-items-baseline
* .align-items-stretch
* .align-items-sm-start
* .align-items-sm-end
* .align-items-sm-center
* .align-items-sm-baseline
* .align-items-sm-stretch
* .align-items-md-start
* .align-items-md-end
* .align-items-md-center
* .align-items-md-baseline
* .align-items-md-stretch
* .align-items-lg-start
* .align-items-lg-end
* .align-items-lg-center
* .align-items-lg-baseline
* .align-items-lg-stretch
* .align-items-xl-start
* .align-items-xl-end
* .align-items-xl-center
* .align-items-xl-baseline
* .align-items-xl-stretch

### **Align Self**

The align-self-utility is used on flexbox items to individually change their alignment on the cross axis. You can choose from the same options as align-items: start, end, center, baseline, or stretch (browser default).

**Example:**

1. **<div** class="align-self-start"**>**Aligned flex item**</div>**
2. **<div** class="align-self-end"**>**Aligned flex item**</div>**
3. **<div** class="align-self-center"**>**Aligned flex item**</div>**
4. **<div** class="align-self-baseline"**>**Aligned flex item**</div>**
5. **<div** class="align-self-stretch"**>**Aligned flex item**</div>**

### **Responsive variation for align-self**

You can also use responsive variations for align-self.

* .align-self-start
* .align-self-end
* .align-self-center
* .align-self-baseline
* .align-self-stretch
* .align-self-sm-start
* .align-self-sm-end
* .align-self-sm-center
* .align-self-sm-baseline
* .align-self-sm-stretch
* .align-self-md-start
* .align-self-md-end
* .align-self-md-center
* .align-self-md-baseline
* .align-self-md-stretch
* .align-self-lg-start
* .align-self-lg-end
* .align-self-lg-center
* .align-self-lg-baseline
* .align-self-lg-stretch
* .align-self-xl-start
* .align-self-xl-end
* .align-self-xl-center
* .align-self-xl-baseline
* .align-self-xl-stretch

### **Auto margins**

In flexbox, you can mix flex alignments with auto margins to do some pretty awesome things.

### **With justify-content**

You can easily move all flex items to one side, but keep another on the opposite end by mixing justify-content with margin-right: auto or margin-left: auto.

**Example:**

1. **<div** class="d-flex justify-content-end"**>**
2. **<div** class="mr-auto p-2"**>**Flex item**</div>**
3. **<div** class="p-2"**>**Flex item**</div>**
4. **<div** class="p-2"**>**Flex item**</div>**
5. **</div>**
7. **<div** class="d-flex justify-content-start"**>**
8. **<div** class="p-2"**>**Flex item**</div>**
9. **<div** class="p-2"**>**Flex item**</div>**
10. **<div** class="ml-auto p-2"**>**Flex item**</div>**
11. **</div>**

### **With align-items**

You can similarly move one flex item to the top or bottom of a container by mixing align-items, flex-direction: column, and margin-top: auto or margin-bottom: auto.

**Example:**

1. **<div** class="d-flex align-items-start flex-column" style="height: 200px;"**>**
2. **<div** class="mb-auto p-2"**>**Flex item**</div>**
3. **<div** class="p-2"**>**Flex item**</div>**
4. **<div** class="p-2"**>**Flex item**</div>**
5. **</div>**
7. **<div** class="d-flex align-items-end flex-column" style="height: 200px;"**>**
8. **<div** class="p-2"**>**Flex item**</div>**
9. **<div** class="p-2"**>**Flex item**</div>**
10. **<div** class="mt-auto p-2"**>**Flex item**</div>**
11. **</div>**

### **Wrap**

It is used to change how flex items wrap in a flex container. You can choose the following:

**No wrapping:** .flex-nowrap

**Wrapping:** .flex-wrap

**Reverse wrapping:** .flex-wrap-reverse

**Responsive variation for flex-wrap**

You can also use responsive variations for flex-wrap.

* .flex-nowrap
* .flex-wrap
* .flex-wrap-reverse
* .flex-sm-nowrap
* .flex-sm-wrap
* .flex-sm-wrap-reverse
* .flex-md-nowrap
* .flex-md-wrap
* .flex-md-wrap-reverse
* .flex-lg-nowrap
* .flex-lg-wrap
* .flex-lg-wrap-reverse
* .flex-xl-nowrap
* .flex-xl-wrap
* .flex-xl-wrap-reverse

### **Order:**

It is used to change the visual order of specific flex items with a handful of order utilities.

You can make an item first or last, as well as a reset to use the DOM order. As order takes any integer value (e.g., 5), add custom CSS for any additional values needed.

**Example:**

1. **<div** class="d-flex flex-nowrap"**>**
2. **<div** class="flex-last p-2"**>**First flex item**</div>**
3. **<div** class="p-2"**>**Second flex item**</div>**
4. **<div** class="flex-first p-2"**>**Third flex item**</div>**
5. **</div>**

### **Responsive variations for order**

You can also use responsive variations for order:

* .order-first
* .order-last
* .order-unordered
* .order-sm-first
* .order-sm-last
* .order-sm-unordered
* .order-md-first
* .order-md-last
* .order-md-unordered
* .order-lg-first
* .order-lg-last
* .order-lg-unordered
* .order-xl-first
* .order-xl-last
* .order-xl-unordered

### **Align Content**

The align-content utility is used on flexbox container to align flex items together on the cross axis. You can choose from start (browser default), end, center, between, around, or stretch.

To demonstrate these utilities, we?ve enforced flex-wrap: wrap and increased the number of flex items.

Heads up! This property has no affect on single rows of flex items.

**start:**

1. **<div** class="d-flex align-content-start flex-wrap"**>**
2. ...
3. **</div>**

**end:**

1. **<div** class="d-flex align-content-end flex-wrap"**>**...**</div>**

**center:**

1. **<div** class="d-flex align-content-center flex-wrap"**>**...**</div>**

**between:**

1. **<div** class="d-flex align-content-between flex-wrap"**>**...**</div>**

**around:**

1. **<div** class="d-flex align-content-around flex-wrap"**>**...**</div>**

**stretch:**

1. **<div** class="d-flex align-content-stretch flex-wrap"**>**...**</div>**

### **Responsive variations for align-content**

You can also use responsive variations for align-content:

* .align-content-start
* .align-content-end
* .align-content-center
* .align-content-around
* .align-content-stretch
* .align-content-sm-start
* .align-content-sm-end
* .align-content-sm-center
* .align-content-sm-around
* .align-content-sm-stretch
* .align-content-md-start
* .align-content-md-end
* .align-content-md-center
* .align-content-md-around
* .align-content-md-stretch
* .align-content-lg-start
* .align-content-lg-end
* .align-content-lg-center
* .align-content-lg-around
* .align-content-lg-stretch
* .align-content-xl-start
* .align-content-xl-end
* .align-content-xl-center
* .align-content-xl-around
* .align-content-xl-stretch

# Positions

Bootstrap position utility is used to quickly place a component outside the normal document flow. There are several fixed and sticky position classes are available.

**Fixed top**

It is used to position an element at the top of the viewport, from edge to edge. You can also add some additional CSS.

**Syntax:**

1. **<div** class="fixed-top"**>**...**</div>**

**Fixed Bottom**

It is used to position an element at the bottom of the viewport from edge to edge. You can also add some additional CSS.

**Syntax:**

1. **<div** class="fixed-bottom"**>**...**</div>**

**Sticky Top**

Sticky top is used to position an element at the top of the viewport, from edge to edge, but only when you scroll past it. The .sticky-top utility uses CSS's position: **sticky**, which isn't fully supported in all browsers.

**Syntax:**

1. **<div** class="sticky-top"**>**...**</div>**

# Bootstrap Modals

The bootstrap modal plugin is a dialog box / popup window that is displayed on top of the current page.

### **Bootstrap Modal Example**

1. <!DOCTYPE html**>**
2. **<html** lang="en"**>**
3. **<head>**
4. **<title>**Bootstrap Example**</title>**
5. **<meta** charset="utf-8"**>**
6. **<meta** name="viewport" content="width=device-width, initial-scale=1"**>**
7. **<link** rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css"**>**
9. **</head>**
10. **<body>**
12. **<div** class="container"**>**
13. **<h2>**Modal Example**</h2>**
14. <!-- Trigger the modal with a button -->
15. **<button** type="button" class="btn btn-info btn-lg" data-toggle="modal" data-target="#myModal"**>**Open Modal**</button>**
17. <!-- Modal -->
18. **<div** class="modal fade" id="myModal" role="dialog"**>**
19. **<div** class="modal-dialog"**>**
21. <!-- Modal content-->
22. **<div** class="modal-content"**>**
23. **<div** class="modal-header"**>**
24. **<button** type="button" class="close" data-dismiss="modal"**>**×**</button>**
25. **<h4** class="modal-title"**>**Modal Header**</h4>**
26. **</div>**
27. **<div** class="modal-body"**>**
28. **<p>**Write your text in the modal.**</p>**
29. **</div>**
30. **<div** class="modal-footer"**>**
31. **<button** type="button" class="btn btn-default" data-dismiss="modal"**>**Close**</button>**
32. **</div>**
33. **</div>**
35. **</div>**
36. **</div>**
38. **</div>**
39. **<script** src="https://ajax.googleapis.com/ajax/libs/jquery/1.12.0/jquery.min.js"**></script>**
40. **<script** src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/js/bootstrap.min.js"**></script>**
41. **</body>**
42. **</html>**

[**Test it Now**](https://www.javatpoint.com/oprweb/test.jsp?filename=bootstrapmodal1)

### **Bootstrap Modal Size**

You can change the size of the modal by adding the **.modal-sm class**for small modals or **.modal-lg class** for large modals.

The size class is added to the <div> element with class .modal-dialog.

### **Small Modal:**

**See this example:**

1. <!DOCTYPE html**>**
2. **<html** lang="en"**>**
3. **<head>**
4. **<title>**Bootstrap Example**</title>**
5. **<meta** charset="utf-8"**>**
6. **<meta** name="viewport" content="width=device-width, initial-scale=1"**>**
7. **<link** rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css"**>**
9. **</head>**
10. **<body>**
12. **<div** class="container"**>**
13. **<h2>**Small Modal**</h2>**
14. <!-- Trigger the modal with a button -->
15. **<button** type="button" class="btn btn-info btn-lg" data-toggle="modal" data-target="#myModal"**>**Open Small Modal**</button>**
17. <!-- Modal -->
18. **<div** class="modal fade" id="myModal" role="dialog"**>**
19. **<div** class="modal-dialog modal-sm"**>**
20. **<div** class="modal-content"**>**
21. **<div** class="modal-header"**>**
22. **<button** type="button" class="close" data-dismiss="modal"**>**×**</button>**
23. **<h4** class="modal-title"**>**Modal Header**</h4>**
24. **</div>**
25. **<div** class="modal-body"**>**
26. **<p>**This is a small modal.**</p>**
27. **</div>**
28. **<div** class="modal-footer"**>**
29. **<button** type="button" class="btn btn-default" data-dismiss="modal"**>**Close**</button>**
30. **</div>**
31. **</div>**
32. **</div>**
33. **</div>**
34. **</div>**
35. **<script** src="https://ajax.googleapis.com/ajax/libs/jquery/1.12.0/jquery.min.js"**></script>**
36. **<script** src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/js/bootstrap.min.js"**></script>**
37. **</body>**
38. **</html>**

[**Test it Now**](https://www.javatpoint.com/oprweb/test.jsp?filename=bootstrapmodal2)

### **Bootstrap Large Modal**

**See this example:**

1. <!DOCTYPE html**>**
2. **<html** lang="en"**>**
3. **<head>**
4. **<title>**Bootstrap Example**</title>**
5. **<meta** charset="utf-8"**>**
6. **<meta** name="viewport" content="width=device-width, initial-scale=1"**>**
7. **<link** rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css"**>**
9. **</head>**
10. **<body>**
12. **<div** class="container"**>**
13. **<h2>**Large Modal**</h2>**
14. <!-- Trigger the modal with a button -->
15. **<button** type="button" class="btn btn-info btn-lg" data-toggle="modal" data-target="#myModal"**>**Open Large Modal**</button>**
17. <!-- Modal -->
18. **<div** class="modal fade" id="myModal" role="dialog"**>**
19. **<div** class="modal-dialog modal-lg"**>**
20. **<div** class="modal-content"**>**
21. **<div** class="modal-header"**>**
22. **<button** type="button" class="close" data-dismiss="modal"**>**×**</button>**
23. **<h4** class="modal-title"**>**Modal Header**</h4>**
24. **</div>**
25. **<div** class="modal-body"**>**
26. **<p>**This is a large modal.**</p>**
27. **</div>**
28. **<div** class="modal-footer"**>**
29. **<button** type="button" class="btn btn-default" data-dismiss="modal"**>**Close**</button>**
30. **</div>**
31. **</div>**
32. **</div>**
33. **</div>**
34. **</div>**
35. **<script** src="https://ajax.googleapis.com/ajax/libs/jquery/1.12.0/jquery.min.js"**></script>**
36. **<script** src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/js/bootstrap.min.js"**></script>**
37. **</body>**
38. **</html>**

# Bootstrap picker

### **Bootstrap Datepicker**

Bootstrap Datepicker is used to display a calendar with date, month, and time.

You can use the below code to create a datepicker in [Bootstrap](https://www.javatpoint.com/bootstrap-tutorial).

1. <!DOCTYPE html**>**
2. **<html** lang = "en"**>**
3. **<head>**
4. **<meta** charset = "UTF-8"**>**
5. **<meta** name = "viewport" content = "width=device-width, initial-scale=1.0"**>**
6. **<link** rel = "stylesheet" href = "https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css"**>**
7. **<title>**Bootstrap DatePicker**</title>**
8. **</head>**
10. **<body>**
11. **<h1** align = "center"**>**Bootstrap datepicker**</h1>**
12. **<div** class = "container"**>**
13. **<div** class = "row"**>**
14. **<div** class = "col-sm-12" align = "center"**>**
15. **<input** type = "date" name = "date"**>**
16. **</div>**
18. **</div>**
19. **</div>**
20. **<script** src = "https://ajax.googleapis.com/ajax/libs/jquery/1.12.0/jquery.min.js"**></script>**
21. **<script** src ="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/js/bootstrap.min.js"**></script>**
22. **</body>**
23. **</html>**

### **Bootstrap Timepicker**

Bootstrap timepicker is used to display the time in minutes or seconds.

**Example:**

1. **<html>**
2. **<head>**
3. **<title>**Bootstrap date and time**</title>**
4. **<script** src = "https://cdnjs.cloudflare.com/ajax/libs/jquery/1.12.4/jquery.min.js"**></script>**
5. **<script** src = "https://cdnjs.cloudflare.com/ajax/libs/moment.js/2.15.1/moment.min.js"**></script>**
6. **<script** src = "https://cdnjs.cloudflare.com/ajax/libs/twitter-bootstrap/3.3.7/js/bootstrap.min.js"**></script>**
7. **<script** src = "https://cdnjs.cloudflare.com/ajax/libs/bootstrap-datetimepicker/4.7.14/js/bootstrap-datetimepicker.min.js"**></script>**
8. **<script>**
9. $(function() {
10. $('#datetimepicker1').datetimepicker();
11. });
12. **</script>**
13. **<link** rel = "stylesheet" href = "https://cdnjs.cloudflare.com/ajax/libs/twitter-bootstrap/3.3.7/css/bootstrap.min.css"**>**
14. **<link** rel = "stylesheet" href = "https://cdnjs.cloudflare.com/ajax/libs/bootstrap-datetimepicker/4.7.14/css/bootstrap-datetimepicker.min.css"**>**
15. **<style>**
16. .container {
17. margin-top : 5px;
18. margin-left : 10px;
19. width : 600px;
20. }
21. **</style>**
22. **</head>**
23. **<body>**
24. **</br>**
25. **<div** class ="container"**>**
26. **<div** class ="row"**>**
27. **<div** class ='col-sm-6'**>**
28. **<div** class ="form-group"**>**
29. **<div** class = 'input-group date' id='datetimepicker3'**>**
30. **<input** type = 'text' class="form-control" **/>**
31. **<span** class = "input-group-addon"**>**
32. **<span** class = "glyphicon glyphicon-time"**></span>**
33. **</span>**
34. **</div>**
35. **</div>**
36. **</div>**
37. **<script** type = "text/javascript"**>**
38. $(function () {
39. $('#datetimepicker3').datetimepicker({
40. format: 'LT'
41. });
42. });
43. **</script>**
44. **</div>**
45. **</div>**
47. **</body>**
48. **</html>**

### **Bootstrap datetime picker**

Bootstrap Datetime picker is an input field that is used to display a calendar with the time.

In Bootstrap, there are the following two methods to display datetime picker -

**Method 1: Without using calendar and time icon**

You can follow the below code to display date and time without using the date and time icon.

1. **<html>**
2. **<head>**
3. **<title>**Bootstrap date and time**</title>**
4. **<script** src ="https://cdnjs.cloudflare.com/ajax/libs/jquery/1.12.4/jquery.min.js"**></script>**
5. **<script** src ="https://cdnjs.cloudflare.com/ajax/libs/moment.js/2.15.1/moment.min.js"**></script>**
6. **<script** src ="https://cdnjs.cloudflare.com/ajax/libs/twitter-bootstrap/3.3.7/js/bootstrap.min.js"**></script>**
7. **<script** src ="https://cdnjs.cloudflare.com/ajax/libs/bootstrap-datetimepicker/4.7.14/js/bootstrap-datetimepicker.min.js"**></script>**
8. **<script>**
9. $(function() {
10. $('#datetimepicker1').datetimepicker();
11. });
12. **</script>**
13. **<link** rel ="stylesheet" href ="https://cdnjs.cloudflare.com/ajax/libs/twitter-bootstrap/3.3.7/css/bootstrap.min.css"**>**
14. **<link** rel ="stylesheet" href ="https://cdnjs.cloudflare.com/ajax/libs/bootstrap-datetimepicker/4.7.14/css/bootstrap-datetimepicker.min.css"**>**
15. **<style>**
16. .container {
17. margin-top: 5px;
18. margin-left: 10px;
19. width: 600px;
20. }
21. **</style>**
22. **</head>**
23. **<body>**
24. **<div** class = "container"**>**
25. **<div** class = "row"**>**
26. **<div** class = 'col-sm-6'**>**
27. **<input** type = 'text' class = "form-control" id = 'datetimepicker1' **/>**
28. **</div>**
29. **<script** type = "text/javascript"**>**
30. $(function () {
31. $('#datetimepicker4').datetimepicker();
32. });
33. **</script>**
34. **</div>**
35. **</div>**
37. **</body>**
38. **</html**

**Method 2: Using date and time icon**

Adding icons makes your picker more attractive and beautiful. You can use the below code to add date and time icon on your picker.

**Code:**

1. **<html>**
2. **<head>**
3. **<title>**Bootstrap date and time**</title>**
4. **<script** src ="https://cdnjs.cloudflare.com/ajax/libs/jquery/1.12.4/jquery.min.js"**></script>**
5. **<script** src ="https://cdnjs.cloudflare.com/ajax/libs/moment.js/2.15.1/moment.min.js"**></script>**
6. **<script** src ="https://cdnjs.cloudflare.com/ajax/libs/twitter-bootstrap/3.3.7/js/bootstrap.min.js"**></script>**
7. **<script** src ="https://cdnjs.cloudflare.com/ajax/libs/bootstrap-datetimepicker/4.7.14/js/bootstrap-datetimepicker.min.js"**></script>**
8. **<script>**
9. $(function() {
10. $('#datetimepicker1').datetimepicker();
11. });
12. **</script>**
13. **<link** rel ="stylesheet" href ="https://cdnjs.cloudflare.com/ajax/libs/twitter-bootstrap/3.3.7/css/bootstrap.min.css"**>**
14. **<link** rel ="stylesheet" href ="https://cdnjs.cloudflare.com/ajax/libs/bootstrap-datetimepicker/4.7.14/css/bootstrap-datetimepicker.min.css"**>**
15. **<style>**
16. .container {
17. margin-top: 5px;
18. margin-left: 10px;
19. width: 600px;
20. }
21. **</style>**
22. **</head>**
23. **<body>**
24. **</br>**
25. **<div** class ="container"**>**
26. **<div** class ="row"**>**
27. **<div** class ='col-sm-6'**>**
28. **<div** class ="form-group"**>**
29. **<div** class ='input-group date' id='datetimepicker1'**>**
30. **<input** type ='text' class="form-control" **/>**
31. **<span** class ="input-group-addon"**>**
32. **<span** class ="glyphicon glyphicon-calendar"**></span>**
33. **</span>**
34. **</div>**
35. **</div>**
36. **</div>**
37. **</div>**
38. **</div>**
39. **</body>**
40. **</html>**

# Bootstrap 4 Custom Forms

Bootstrap 4 comes with customized form elements, that are meant to replace browser defaults:

Custom checkbox

 Default checkbox

Custom radio

 Default radio

Custom Range:

Default Range:





Custom file upload

Toggle this custom switch

## **Custom Checkbox**

To create a custom checkbox, wrap a container element, like <div>, with a class of .custom-control and .custom-checkbox around the checkbox. Then add the .custom-control-input to the input with type="checkbox".

**Tip:** If you use labels for accompanying text, add the .custom-control-label class to it. Note that the value of the for attribute should match the id of the checkbox:

Custom checkbox

 Default checkbox

### **Example**

<form>  
  <div class="custom-control custom-checkbox">  
    <input type="checkbox" class="custom-control-input" id="customCheck" name="example1">  
    <label class="custom-control-label" for="customCheck">Check this custom checkbox</label>  
  </div>  
</form>

## **Custom Switch**

To create a custom "toggle switch", wrap a container element, like <div>, with a class of .custom-control and .custom-switch around a checkbox. Then add the .custom-control-input class to the checkbox:

Toggle me

### **Example**

<form>  
  <div class="custom-control custom-switch">  
    <input type="checkbox" class="custom-control-input" id="switch1">  
    <label class="custom-control-label" for="switch1">Toggle me</label>  
  </div>  
</form>

## **Custom Radio buttons**

To create a custom radio button, wrap a container element, like <div>, with a class of .custom-control and .custom-radio around the radio button. Then add the .custom-control-input to the input with type="radio".

**Tip:** If you use labels for accompanying text, add the .custom-control-label class to it. Note that the value of the for attribute should match the id of the radio:

Custom radio

 Default radio

### **Example**

<form>  
  <div class="custom-control custom-radio">  
    <input type="radio" class="custom-control-input" id="customRadio" name="example1" value="customEx">  
    <label class="custom-control-label" for="customRadio">Custom radio</label>  
  </div>  
</form>

## **Inline Custom Form Controls**

If you want the custom form controls to sit side by side (inline), add the .custom-control-inline to the wrapper/container:

Custom radio

Custom radio

### **Example**

<form>  
  <div class="custom-control custom-radio custom-control-inline">  
    <input type="radio" class="custom-control-input" id="customRadio" name="example" value="customEx">  
    <label class="custom-control-label" for="customRadio">Custom radio 1</label>  
  </div>  
  <div class="custom-control custom-radio custom-control-inline">  
    <input type="radio" class="custom-control-input" id="customRadio2" name="example" value="customEx">  
    <label class="custom-control-label" for="customRadio2">Custom radio 2</label>  
  </div>  
</form>

## **Custom Select Menu**

To create a custom select menu, add the .custom-select class to the <select> element:

  
  
               

### **Example**

<form>  
  <select name="cars" class="custom-select">  
    <option selected>Custom Select Menu</option>  
    <option value="volvo">Volvo</option>  
    <option value="fiat">Fiat</option>  
    <option value="audi">Audi</option>  
  </select>  
</form>

## **Custom Select Menu Size**

Use the .custom-select-sm class to create a small select menu and the .custom-select-lg class for a large one:

                                                      

### **Example**

<form>  
  <!-- Small -->  
  <select name="cars" class="custom-select-sm">  
    <option selected>Small Custom Select Menu</option>  
    <option value="volvo">Volvo</option>  
    <option value="fiat">Fiat</option>  
    <option value="audi">Audi</option>  
  </select>  
  
  <!-- Large -->  
  <select name="cars" class="custom-select-lg">  
    <option selected>Large Custom Select Menu</option>  
    <option value="volvo">Volvo</option>  
    <option value="fiat">Fiat</option>  
    <option value="audi">Audi</option>  
  </select>  
</form>

## **Custom Range**

To create a custom range menu, add the .custom-range class to an input with type="<range>":

Custom range   
  
Default range

### **Example**

<form>  
  <label for="customRange">Custom range</label>  
  <input type="range" class="custom-range" id="customRange" name="points1">  
</form>

## **Custom File Upload**

To create a custom file upload, wrap a container element with a class of .custom-file around the input with type="file". Then add the .custom-file-input to it.

**Tip:** If you use labels for accompanying text, add the .custom-file-label class to it. Note that the value of the for attribute should match the id of the checkbox:

Choose file

 Default file:

Note that you also have to include some jQuery code if you want the name of the file to appear when you select a specific file:

### **Example**

<form>  
  <div class="custom-file">  
    <input type="file" class="custom-file-input" id="customFile">  
    <label class="custom-file-label" for="customFile">Choose file</label>  
  </div>  
</form>  
  
<script>  
// Add the following code if you want the name of the file appear on select  
$(".custom-file-input").on("change", function() {  
  var fileName = $(this).val().split("\\").pop();  
  $(this).siblings(".custom-file-label").addClass("selected").html(fileName);  
});  
</script>