

```
<!-- Latest compiled and minified CSS -->
<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">

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

<!-- Latest compiled JavaScript -->
<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>
```

## Bootstrap 3 is mobile-first

Bootstrap 3 is designed to be responsive to mobile devices. Mobile-first styles are part of the core framework.

To ensure proper rendering and touch zooming, add the following `<meta>` tag inside the `<head>` element:

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

The `width=device-width` part sets the width of the page to follow the screen-width of the device (which will vary depending on the device).

The `initial-scale=1` part sets the initial zoom level when the page is first loaded by the browser.

## 3. Containers

Bootstrap also requires a containing element to wrap site contents.

There are two container classes to choose from:

1. The `.container` class provides a responsive **fixed width container**
2. The `.container-fluid` class provides a **full width container**, spanning the entire width of the viewport

```
<!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/3.4.1/css/bootstrap.min.css">
  <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
  <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>
</head>
<body>

<div class="container">
  <h1>My First Bootstrap Page</h1>
  <p>This is some text.</p>
</div>

</body>
</html>
```

```
<!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/3.4.1/css/bootstrap.min.css">
  <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
  <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>
</head>
<body>

<div class="container-fluid">
  <h1>My First Bootstrap Page</h1>
  <p>This is some text.</p>
</div>
```

```
</body>  
</html>
```

# Bootstrap Grid System

Bootstrap's grid system allows up to 12 columns across the page.

If you do not want to use all 12 columns individually, you can group the columns together to create wider columns:

span 1	span 1	span 1	span 1	span 1	span 1	span 1	span 1	span 1	span 1	span 1	span 1
span 4				span 4				span 4			
span 4				span 8							
span 6						span 6					
span 12											

Bootstrap's grid system is responsive, and the columns will re-arrange automatically depending on the screen size.

## Grid Classes

The Bootstrap grid system has four classes:

- **xs** (for phones - screens less than 768px wide)
- **sm** (for tablets - screens equal to or greater than 768px wide)
- **md** (for small laptops - screens equal to or greater than 992px wide)

- **lg** (for laptops and desktops - screens equal to or greater than 1200px wide)

The classes above can be combined to create more dynamic and flexible layouts.

```
<div class="row">
  <div class="col-*-*"></div>
  <div class="col-*-*"></div>
</div>
<div class="row">
  <div class="col-*-*"></div>
  <div class="col-*-*"></div>
  <div class="col-*-*"></div>
</div>
<div class="row">
  ...
</div>
```

First; create a row (`<div class="row">`). Then, add the desired number of columns (tags with appropriate `.col-*-*` classes). Note that numbers in `.col-*-*` should always add up to 12 for each row.

Below we have collected some examples of basic Bootstrap grid layouts.

```
.col-sm-4
.col-sm-4
.col-sm-4
```

The following example shows how to get a three equal-width columns starting at tablets and scaling to large desktops. On mobile phones or screens that are less than 768px wide, the columns will automatically stack

```
<div class="row">
  <div class="col-sm-4">.col-sm-4</div>
  <div class="col-sm-4">.col-sm-4</div>
  <div class="col-sm-4">.col-sm-4</div>
</div>
```

```
.col-sm-4
```

.col-sm-8

The following example shows how to get two various-width columns starting at tablets and scaling to large desktops

```
<div class="row">
  <div class="col-sm-4">.col-sm-4</div>
  <div class="col-sm-8">.col-sm-8</div>
</div>
```

## Bootstrap's Default Settings

Bootstrap's global default font-size is 14px, with a line-height of 1.428.

This is applied to the `<body>` element and all paragraphs (`<p>`).

In addition, all `<p>` elements have a bottom margin that equals half their computed line-height (10px by default).

## Bootstrap vs. Browser Defaults

In this chapter, we will look at some HTML elements that will be styled a little bit differently by Bootstrap than browser defaults.

### `<h1>` - `<h6>`

By default, Bootstrap will style the HTML headings (`<h1>` to `<h6>`) in the following way

h1 Bootstrap heading (36px)

h2 Bootstrap heading (30px)

h3 Bootstrap heading (24px)

*h4 Bootstrap heading (18px)*

**h5 Bootstrap heading (14px)**

***h6 Bootstrap heading (12px)***

<small>

In Bootstrap the HTML `<small>` element is used to create a lighter, secondary text in any heading

h1 heading secondary text

h2 heading secondary text

h3 heading secondary text

*h4 heading secondary text*

**h5 heading secondary text**

***h6 heading secondary text***

<mark>

Bootstrap will style the HTML `<mark>` element in the following way

Use the mark element to highlight text.

## <abbr>

Bootstrap will style the HTML `<abbr>` element in the following way

The WHO was founded in 1948.

## <blockquote>

Bootstrap will style the HTML `<blockquote>` element in the following way

```
<!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/3.4.1/css/bootstrap.min.css"
">
```

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

```
<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"><
/script>
```

```
</head>
```

```
<body>
```

```
<div class="container">
```

```
<h1>Blockquotes</h1>
```

```
<p>To show the quote on the right use the class .blockquote-reverse:</p>
```

```
<blockquote class="blockquote-reverse">
```

```
<p>For 50 years, WWF has been protecting the future of nature. The world's leading conservation organization, WWF works in 100 countries and is supported by 1.2 million members in the United States and close to 5 million globally.</p>
```

```
<footer>From WWF's website</footer>
```

```
</blockquote>
```

```
</div>
```

```
</body>
```

```
</html>
```

For 50 years, WWF has been protecting the future of nature. The world's leading conservation organization, WWF works in 100 countries and is supported by 1.2 million members in the United States and close to 5 million globally.

From WWF's website

To show the quote on the right, use the `.blockquote-reverse` class

For 50 years, WWF has been protecting the future of nature. The world's leading conservation organization, WWF works in 100 countries and is supported by 1.2 million members in the United States and close to 5 million globally.

From WWF's website

```
<dl>
```

Bootstrap will style the HTML `<dl>` element in the following way



```
<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/3.4.1/css/bootstrap.min.css
">

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

<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"><
/script>

</head>

<body>

<div class="container">

<h1>Description Lists</h1>

<p>The dl element indicates a description list:</p>

<dl>

<dt>Coffee</dt>

<dd>- black hot drink</dd>

<dt>Milk</dt>

<dd>- white cold drink</dd>

</dl>

</div>
```

</body>

</html>

**Coffee**

- black hot drink

**Milk**

- white cold drink

## <code>

Bootstrap will style the HTML `<code>` element in the following way

```
<!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/3.4.1/css/bootstrap.min.css
">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></scrip
t>
<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"><
/script>
</head>
<body>

<div class="container">
<h1>Code Snippets</h1>
<p>Inline snippets of code should be embedded in the code element:</p>
<p>The following HTML elements: <code>span</code>,
<code>section</code>, and <code>div</code> defines a section in a
document.</p>
</div>

</body>
</html>
```

The following HTML elements: `span`, `section`, and `div` defines a section in a document.

## <kbd>

Bootstrap will style the HTML `<kbd>` element in the following way

```
<!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/3.4.1/css/bootstrap.min.css
">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></scrip
t>
<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"><
/script>
</head>
<body>

<div class="container">
<h1>Keyboard Inputs</h1>
<p>To indicate input that is typically entered via the keyboard, use the
kbdelement:</p>
<p>Use <kbd>ctrl + p</kbd> to open the Print dialog box.</p>
</div>

</body>
</html>
```

Use `ctrl + p` to open the Print dialog box.

## <pre>

Bootstrap will style the HTML `<pre>` element in the following way

```
<!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/3.4.1/css/bootstrap.min.css
">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></scrip
t>
<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"><
/script>
</head>
<body>

<div class="container">
<h1>Multiple Code Lines</h1>
<p>For multiple lines of code, use the pre element:</p>
<pre>
Text in a pre element
is displayed in a fixed-width
font, and it preserves
both    spaces and
line breaks.
</pre>
</div>

</body>
</html>
```

```
Text in a pre element
is displayed in a fixed-width
font, and it preserves
both    spaces and
line breaks.
```

## Contextual Colors and Backgrounds

Bootstrap also has some contextual classes that can be used to provide "meaning through colors".

The classes for text colors are: `.text-muted`, `.text-primary`, `.text-success`, `.text-info`, `.text-warning`, and `.text-danger`

```
<!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/3.4.1/css/bootstrap.min.css
">

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

<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"><
/script>

</head>

<body>

<div class="container">

<h2>Contextual Colors</h2>

<p>Use the contextual classes to provide "meaning through colors":</p>

<p class="text-muted">This text is muted.</p>

<p class="text-primary">This text is important.</p>
```

```
<p class="text-success">This text indicates success.</p>
<p class="text-info">This text represents some information.</p>
<p class="text-warning">This text represents a warning.</p>
<p class="text-danger">This text represents danger.</p>
</div>

</body>
</html>
```

This text is muted.

This text is important.

This text indicates success.

This text represents some information.

This text represents a warning.

This text represents danger.

The classes for background colors are: `.bg-primary`, `.bg-success`, `.bg-info`, `.bg-warning`, and `.bg-danger`

```
<!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/3.4.1/css/bootstrap.min.css"
">

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

<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"><
/script>

</head>

<body>

<div class="container">

<h2>Contextual Backgrounds</h2>

<p>Use the contextual background classes to provide "meaning through
colors":</p>

<p class="bg-primary">This text is important.</p>

<p class="bg-success">This text indicates success.</p>

<p class="bg-info">This text represents some information.</p>

<p class="bg-warning">This text represents a warning.</p>

<p class="bg-danger">This text represents danger.</p>

</div>

</body>

</html>
```

This text is important.

This text indicates success.

This text represents some information.

This text represents a warning.

This text represents danger.

VV IMP:

## Bootstrap Basic Table

A basic Bootstrap table has a light padding and only horizontal dividers.

The `.table` class adds basic styling to a table

```
<!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/3.4.1/css/bootstrap.min.css"
">
```

```
<script
```

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

```
<script
```

```
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"><
/script>
```



```
</head>
```

```
<body>
```

```
<div class="container">
```

```
<h2>Basic Table</h2>
```

```
<p>The .table class adds basic styling (light padding and only horizontal  
dividers) to a table:</p>
```

```
<table class="table">
```

```
<thead>
```

```
<tr>
```

```
<th>Firstname</th>
```

```
<th>Lastname</th>
```

```
<th>Email</th>
```

```
</tr>
```

```
</thead>
```

```
<tbody>
```

```
<tr>
```

```
<td>John</td>
```

```
<td>Doe</td>
```

```
<td>john@example.com</td>
```

```
</tr>
```

```
<tr>
```

```
<td>Mary</td>
```

```
<td>Moe</td>
<td>mary@example.com</td>
</tr>
<tr>
<td>July</td>
<td>Dooley</td>
<td>july@example.com</td>
</tr>
</tbody>
</table>
</div>

</body>
</html>
```

Firstname	Lastname	Email
John	Doe	john@example.com
Mary	Moe	mary@example.com
July	Dooley	july@example.com

The `.table-striped` class adds zebra-stripes to a table

```
<!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/3.4.1/css/bootstrap.min.css"
">

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

<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"><
/script>

</head>

<body>

<div class="container">

<h2>Striped Rows</h2>

<p>The .table-striped class adds zebra-stripes to a table:</p>

<table class="table table-striped">

<thead>

<tr>

<th>Firstname</th>
```

```
<th>Lastname</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>John</td>
<td>Doe</td>
<td>john@example.com</td>
</tr>
<tr>
<td>Mary</td>
<td>Moe</td>
<td>mary@example.com</td>
</tr>
<tr>
<td>July</td>
<td>Dooley</td>
<td>july@example.com</td>
</tr>
</tbody>
</table>
</div>
```

```
</body>
```

```
</html>
```

Firstname	Lastname	Email
John	Doe	john@example.com
Mary	Moe	mary@example.com
July	Dooley	july@example.com

## Bordered Table

The `.table-bordered` class adds borders on all sides of the table and cells

```
<!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/3.4.1/css/bootstrap.min.css"
">
```

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

```
<script  
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"><  
/script>
```

```
</head>
```

```
<body>
```

```
<div class="container">
```

```
<h2>Bordered Table</h2>
```

```
<p>The .table-bordered class adds borders to a table:</p>
```

```
<table class="table table-bordered">
```

```
<thead>
```

```
<tr>
```

```
<th>Firstname</th>
```

```
<th>Lastname</th>
```

```
<th>Email</th>
```

```
</tr>
```

```
</thead>
```

```
<tbody>
```

```
<tr>
```

```
<td>John</td>
```

```
<td>Doe</td>
```

```
<td>john@example.com</td>
```

</tr>

<tr>

<td>Mary</td>

<td>Moe</td>

<td>mary@example.com</td>

</tr>

<tr>

<td>July</td>

<td>Dooley</td>

<td>july@example.com</td>

</tr>

</tbody>

</table>

</div>

</body>

</html>

Firstname	Lastname	Email
John	Doe	john@example.com
Mary	Moe	mary@example.com
July	Dooley	july@example.com

## Hover Rows

The `.table-hover` class adds a hover effect (grey background color) on table rows

```
<!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/3.4.1/css/bootstrap.min.css"
">

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

<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"><
/script>

</head>
```



```
<body>
```

```
<div class="container">
```

```
<h2>Hover Rows</h2>
```

```
<p>The .table-hover class enables a hover state on table rows:</p>
```

```
<table class="table table-hover">
```

```
<thead>
```

```
<tr>
```

```
<th>Firstname</th>
```

```
<th>Lastname</th>
```

```
<th>Email</th>
```

```
</tr>
```

```
</thead>
```

```
<tbody>
```

```
<tr>
```

```
<td>John</td>
```

```
<td>Doe</td>
```

```
<td>john@example.com</td>
```

```
</tr>
```

```
<tr>
```

```
<td>Mary</td>
```

```
<td>Moe</td>
```

```
<td>mary@example.com</td>
```

```
</tr>

<tr>

<td>July</td>

<td>Dooley</td>

<td>july@example.com</td>

</tr>

</tbody>

</table>

</div>

</body>

</html>
```

## Contextual Classes

Contextual classes can be used to color table rows (`<tr>`) or table cells (`<td>`)

```
<!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/3.4.1/css/bootstrap.min.css"
">
```

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

```
<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"><
/script>
```

```
</head>
```

```
<body>
```

```
<div class="container">
```

```
<h2>Contextual Classes</h2>
```

```
<p>Contextual classes can be used to color table rows or table cells. The
classes that can be used are: .active, .success, .info, .warning, and
.danger.</p>
```

```
<table class="table">
```

```
<thead>
```

```
<tr>
```

```
<th>Firstname</th>
```

```
<th>Lastname</th>
```

```
<th>Email</th>
```

```
</tr>
```

```
</thead>
```

```
<tbody>
```

```
<tr>
```

```
<td>Default</td>
<td>Defaultson</td>
<td>def@somemail.com</td>
</tr>
<tr class="success">
<td>Success</td>
<td>Doe</td>
<td>john@example.com</td>
</tr>
<tr class="danger">
<td>Danger</td>
<td>Moe</td>
<td>mary@example.com</td>
</tr>
<tr class="info">
<td>Info</td>
<td>Dooley</td>
<td>july@example.com</td>
</tr>
<tr class="warning">
<td>Warning</td>
<td>Refs</td>
<td>bo@example.com</td>
```

```
</tr>
<tr class="active">
<td>Active</td>
<td>Activeson</td>
<td>act@example.com</td>
</tr>
</tbody>
</table>
</div>

</body>
</html>
```

Firstname	Lastname	Email
Default	Defaultson	def@somemail.com
Success	Doe	john@example.com
Danger	Moe	mary@example.com
Info	Dooley	july@example.com
Warning	Refs	bo@example.com
Active	Activeson	act@example.com

# Responsive Tables

The `.table-responsive` class creates a responsive table. The table will then scroll horizontally on small devices (under 768px). When viewing on anything larger than 768px wide, there is no difference

```
<!DOCTYPE html>

<html>

<head>

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

<link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css"
">

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

<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"><
/script>

</head>

<body>

<div class="container">

<h2>Table</h2>

<p>The .table-responsive class creates a responsive table which will scroll
horizontally on small devices (under 768px). When viewing on anything larger
than 768px wide, there is no difference:</p>

<div class="table-responsive">

<table class="table">
```

```
<thead>

<tr>

<th>#</th>

<th>Firstname</th>

<th>Lastname</th>

<th>Age</th>

<th>City</th>

<th>Country</th>

</tr>

</thead>

<tbody>

<tr>

<td>1</td>

<td>Anna</td>

<td>Pitt</td>

<td>35</td>

<td>New York</td>

<td>USA</td>

</tr>

</tbody>

</table>

</div>

</div>
```

```
</body>
```

```
</html>
```

## Bootstrap Image Shapes

Rounded Corners:

Circle:

Thumbnail:

## Rounded Corners

The `.img-rounded` class adds rounded corners to an image (IE8 does not support rounded corners)

```

```

## Circle

The `.img-circle` class shapes the image to a circle (IE8 does not support rounded corners)

```

```



# Thumbnail

The `.img-thumbnail` class shapes the image to a thumbnail

```

```

# Responsive Images

Images come in all sizes. So do screens. Responsive images automatically adjust to fit the size of the screen.

Create responsive images by adding an `.img-responsive` class to the `<img>` tag. The image will then scale nicely to the parent element.

The `.img-responsive` class applies `display: block;` and `max-width: 100%;` and `height: auto;` to the image

```

```

# Image Gallery

You can also use Bootstrap's grid system in conjunction with the `.thumbnail` class to create an image gallery

```
<div class="row">
  <div class="col-md-4">
    <div class="thumbnail">
      <a href="/xyz.jpg">
        
        <div class="caption">
          <p>Loremipsum...</p>
        </div>
      </a>
    </div>
  </div>
  <div class="col-md-4">
    <div class="thumbnail">
      <a href="/xyz.jpg">
```

```

        
        <div class="caption">
            <p>Loremipsum...</p>
        </div>
    </a>
</div>
</div>
<div class="col-md-4">
    <div class="thumbnail">
        <a href="/xyz.jpg">
            
            <div class="caption">
                <p>Loremipsum...</p>
            </div>
        </a>
    </div>
</div>
</div>
</div>

```

## Responsive Embeds

Also let videos or slideshows scale properly on any device.

Classes can be applied directly to <iframe>, <embed>, <video>, and <object> elements.

The following example creates a responsive video by adding an `.embed-responsive-item` class to an <iframe> tag (the video will then scale nicely to the parent element). The containing <div> defines the aspect ratio of the video

```

<div class="embed-responsive embed-responsive-16by9">
    <iframe class="embed-responsive-item" src="..."></iframe>
</div>

```

The aspect ratio of an image describes the proportional relationship between its width and its height. Two common video aspect ratios are 4:3 (the universal video format of the 20th century), and 16:9 (universal for HD television and European digital television).

```

<!-- 16:9 aspect ratio -->
<div class="embed-responsive embed-responsive-16by9">
    <iframe class="embed-responsive-item" src="..."></iframe>
</div>

```

```
<!-- 4:3 aspect ratio -->
<div class="embed-responsive embed-responsive-4by3">
  <iframe class="embed-responsive-item" src="..."></iframe>
</div>
```

## Creating a Jumbotron

A jumbotron indicates a big box for calling extra attention to some special content or information.

A jumbotron is displayed as a grey box with rounded corners. It also enlarges the font sizes of the text inside it.

**Tip:** Inside a jumbotron you can put nearly any valid HTML, including other Bootstrap elements/classes.

Use a `<div>` element with class `.jumbotron` to create a jumbotron

## Jumbotron Inside Container

Place the jumbotron inside the `<div class="container">` if you want the jumbotron to NOT extend to the edge of the screen

```
<!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/3.4.1/css/bootstrap.min.css"
">
```

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

```
<script  
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"><  
/script>
```

```
</head>
```

```
<body>
```

```
<div class="container">
```

```
<div class="jumbotron">
```

```
<h1>Bootstrap Tutorial</h1>
```

```
<p>Bootstrap is the most popular HTML, CSS, and JS framework for developing  
responsive, mobile-first projects on the web.</p>
```

```
</div>
```

```
<p>This is some text.</p>
```

```
<p>This is another text.</p>
```

```
</div>
```

```
</body>
```

```
</html>
```

Place the jumbotron outside the `<div class="container">` if you want the jumbotron to extend to the screen edges

```
<!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/3.4.1/css/bootstrap.min.css"
">
```

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

```
<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"><
/script>
```

```
</head>
```

```
<body>
```

```
<div class="jumbotron">
```

```
<h1>Bootstrap Tutorial</h1>
```

```
<p>Bootstrap is the most popular HTML, CSS, and JS framework for developing
responsive, mobile-first projects on the web.</p>
```

```
</div>
```

```
<div class="container">
```

```
<p>This is some text.</p>
```

```
<p>This is another text.</p>
```

```
</div>
```

```
</body>
```

```
</html>
```

## Creating a Page Header

A page header is like a section divider.

The `.page-header` class adds a horizontal line under the heading (+ adds some extra space around the element)

Use a `<div>` element with class `.page-header` to create a page header

```
<!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/3.4.1/css/bootstrap.min.css"
">
```

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

```
<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"><
/script>
```

```
</head>
```

```
<body>
```

```
<div class="container">
<div class="page-header">
<h1>Example Page Header</h1>
</div>
<p>This is some text.</p>
<p>This is another text.</p>
</div>

</body>
</html>
```

## Wells

The `.well` class adds a rounded border around an element with a gray background color and some padding

```
<!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/3.4.1/css/bootstrap.min.css"
">
```

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

<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"><
/script>

</head>

<body>

<div class="container">

<h2>Well</h2>

<div class="well">Basic Well</div>

</div>

</body>

</html>
```

## Well Size

Small Well

Normal Well

Large Well

Change the size of the well by adding the `.well-sm` class for small wells or `.well-lg` class for large wells

```
<!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/3.4.1/css/bootstrap.min.css
">

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

<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"><
/script>

</head>

<body>

<div class="container">

<h2>Well Size</h2>

<div class="well well-sm">Small Well</div>

<div class="well">Normal Well</div>

<div class="well well-lg">Large Well</div>

</div>

</body>

</html>
```

# Alerts

Bootstrap provides an easy way to create predefined alert messages:

**Success!** This alert box indicates a successful or positive action.

**Info!** This alert box indicates a neutral informative change or action.

**Warning!** This alert box indicates a warning that might need attention.

**Danger!** This alert box indicates a dangerous or potentially negative action.

Alerts are created with the `.alert` class, followed by one of the four contextual classes `.alert-success`, `.alert-info`, `.alert-warning` or `.alert-danger`

```
<!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/3.4.1/css/bootstrap.min.css"
">

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

<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"><
/script>

</head>

<body>
```

```
<div class="container">
```

```
<h2>Alerts</h2>
```

```
<div class="alert alert-success">
```

```
<strong>Success!</strong> This alert box could indicate a successful or  
positive action.
```

```
</div>
```

```
<div class="alert alert-info">
```

```
<strong>Info!</strong> This alert box could indicate a neutral informative  
change or action.
```

```
</div>
```

```
<div class="alert alert-warning">
```

```
<strong>Warning!</strong> This alert box could indicate a warning that might  
need attention.
```

```
</div>
```

```
<div class="alert alert-danger">
```

```
<strong>Danger!</strong> This alert box could indicate a dangerous or  
potentially negative action.
```

```
</div>
```

```
</div>
```

```
</body>
```

```
</html>
```

# Alert Links

Add the `alert-link` class to any links inside the alert box to create "matching colored links":

**Success!** You should **read this message**.

**Info!** You should **read this message**.

**Warning!** You should **read this message**.

**Danger!** You should **read this message**.

```
<!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/3.4.1/css/bootstrap.min.css
">

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

<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"><
/script>

</head>

<body>
```

```
<div class="container">
```

```
<h2>Alert Links</h2>
```

```
<p>Add the alert-link class to any links inside the alert box to create "matching colored links".</p>
```

```
<div class="alert alert-success">
```

```
<strong>Success!</strong> You should <a href="#" class="alert-link">read  
this message</a>.
```

```
</div>
```

```
<div class="alert alert-info">
```

```
<strong>Info!</strong> You should <a href="#" class="alert-link">read this  
message</a>.
```

```
</div>
```

```
<div class="alert alert-warning">
```

```
<strong>Warning!</strong> You should <a href="#" class="alert-link">read  
this message</a>.
```

```
</div>
```

```
<div class="alert alert-danger">
```

```
<strong>Danger!</strong> You should <a href="#" class="alert-link">read  
this message</a>.
```

```
</div>
```

```
</div>
```

```
</body>
```

```
</html>
```

# Closing Alerts

Click on the "x" symbol to the right to close me.

To close the alert message, add a `.alert-dismissible` class to the alert container. Then add `class="close"` and `data-dismiss="alert"` to a link or a button element (when you click on this the alert box will disappear).

```
<!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/3.4.1/css/bootstrap.min.css"
">

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

<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"><
/script>

</head>

<body>

<div class="container">

<h2>Alerts</h2>

<p>The a element with class="close" and data-dismiss="alert" is used to close
the alert box.</p>
```

<p>The alert-dismissible class adds some extra padding to the close button.</p>

<div class="alert alert-success alert-dismissible">

<a href="#" class="close" data-dismiss="alert" aria-label="close">&times;</a>

<strong>Success!</strong> This alert box could indicate a successful or positive action.

</div>

<div class="alert alert-info alert-dismissible">

<a href="#" class="close" data-dismiss="alert" aria-label="close">&times;</a>

<strong>Info!</strong> This alert box could indicate a neutral informative change or action.

</div>

<div class="alert alert-warning alert-dismissible">

<a href="#" class="close" data-dismiss="alert" aria-label="close">&times;</a>

<strong>Warning!</strong> This alert box could indicate a warning that might need attention.

</div>

<div class="alert alert-danger alert-dismissible">

<a href="#" class="close" data-dismiss="alert" aria-label="close">&times;</a>

<strong>Danger!</strong> This alert box could indicate a dangerous or potentially negative action.

</div>

</div>

```
</body>
```

```
</html>
```

### The aria-\* attribute and &times; explanation

To help improve accessibility for people using screen readers, you should include the `aria-label="close"` attribute, when creating a close button.

&times; (×) is an HTML entity that is the preferred icon for close buttons, rather than the letter "x".

## Animated Alerts

Click on the "x" symbol to the right to close me. I will "fade" out.

The `.fade` and `.in` classes adds a fading effect when closing the alert message

```
<!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/3.4.1/css/bootstrap.min.css">
```

```
<script
```

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

```
<script
```

```
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>
```



</head>

<body>

<div class="container">

<h2>Animated Alerts</h2>

<p>The .fade and .in classes adds a fading effect when closing the alert message.</p>

<div class="alert alert-success alert-dismissible fade in">

<a href="#" class="close" data-dismiss="alert" aria-label="close">&times;</a>

<strong>Success!</strong> This alert box could indicate a successful or positive action.

</div>

<div class="alert alert-info alert-dismissible fade in">

<a href="#" class="close" data-dismiss="alert" aria-label="close">&times;</a>

<strong>Info!</strong> This alert box could indicate a neutral informative change or action.

</div>

<div class="alert alert-warning alert-dismissible fade in">

<a href="#" class="close" data-dismiss="alert" aria-label="close">&times;</a>

<strong>Warning!</strong> This alert box could indicate a warning that might need attention.

</div>

<div class="alert alert-danger alert-dismissible fade in">

```
<a href="#" class="close" data-dismiss="alert" aria-label="close">&times;</a>
```

```
<strong>Danger!</strong> This alert box could indicate a dangerous or potentially negative action.
```

```
</div>
```

```
</div>
```

```
</body>
```

```
</html>
```

## Button Styles

Bootstrap provides different styles of buttons:

Basic Default Primary Success Info Warning Danger Link

To achieve the button styles above, Bootstrap has the following classes:

- `.btn`
- `.btn-default`
- `.btn-primary`
- `.btn-success`
- `.btn-info`
- `.btn-warning`
- `.btn-danger`
- `.btn-link`

The following example shows the code for the different button styles

```
<!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/3.4.1/css/bootstrap.min.css"  
>
```

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

```
<script  
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"><  
/script>
```

```
</head>
```

```
<body>
```

```
<div class="container">
```

```
<h2>Button Styles</h2>
```

```
<button type="button" class="btn">Basic</button>
```

```
<button type="button" class="btn btn-default">Default</button>
```

```
<button type="button" class="btn btn-primary">Primary</button>
```

```
<button type="button" class="btn btn-success">Success</button>
```

```
<button type="button" class="btn btn-info">Info</button>
```

```
<button type="button" class="btn btn-warning">Warning</button>
```

```
<button type="button" class="btn btn-danger">Danger</button>
```

```
<button type="button" class="btn btn-link">Link</button>
```

```
</div>
```

```
</body>
```

```
</html>
```

The button classes can be used on an `<a>`, `<button>`, or `<input>` element

```
<!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/3.4.1/css/bootstrap.min.css"
">
```

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

```
<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"><
/script>
```

```
</head>
```

```
<body>
```

```
<div class="container">
```

```
<h2>Button Tags</h2>
```

```
<a href="#" class="btn btn-info" role="button">Link Button</a>
```

```
<button type="button" class="btn btn-info">Button</button>
```

```
<input type="button" class="btn btn-info" value="Input Button">
```

```
<input type="submit" class="btn btn-info" value="Submit Button">
</div>
```

```
</body>
```

```
</html>
```

### Why do we put a # in the href attribute of the link?

Since we do not have any page to link it to, and we do not want to get a "404" message, we put # as the link in our examples. It should be a real URL to a specific page

## Button Sizes

Bootstrap provides four button sizes:

Large Normal Small XSmall

The classes that define the different sizes are:

- `.btn-lg`
- `.btn-sm`
- `.btn-xs`

The following example shows the code for different button sizes

```
<!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/3.4.1/css/bootstrap.min.css"
">

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

<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"><
/script>

</head>

<body>

<div class="container">

<h2>Button Sizes</h2>

<button type="button" class="btn btn-primary btn-lg">Large</button>

<button type="button" class="btn btn-primary">Normal</button>

<button type="button" class="btn btn-primary btn-sm">Small</button>

<button type="button" class="btn btn-primary btn-xs">XSmall</button>

</div>

</body>

</html>
```

## Block Level Buttons

A block level button spans the entire width of the parent element.

Button 1Button 2

Add class `.btn-block` to create a block level button

```
<!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/3.4.1/css/bootstrap.min.css"
">

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

<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"><
/script>

</head>

<body>

<div class="container">

<h2>Block Level Buttons</h2>

<button type="button" class="btn btn-primary btn-block">Button 1</button>

<button type="button" class="btn btn-default btn-block">Button 2</button>
```

```
<h2>Large Block Level Buttons</h2>
```

```
<button type="button" class="btn btn-primary btn-lg btn-block">Button  
1</button>
```

```
<button type="button" class="btn btn-default btn-lg btn-block">Button  
2</button>
```

```
<h2>Small Block Level Buttons</h2>
```

```
<button type="button" class="btn btn-primary btn-sm btn-block">Button  
1</button>
```

```
<button type="button" class="btn btn-default btn-sm btn-block">Button  
2</button>
```

```
</div>
```

```
</body>
```

```
</html>
```

## Active/Disabled Buttons

A button can be set to an active (appear pressed) or a disabled (unclickable) state

The class `.active` makes a button appear pressed, and the class `.disabled` makes a button unclickable

```
<!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/3.4.1/css/bootstrap.min.css"
">

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

<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"><
/script>

</head>

<body>

<div class="container">

<h2>Button States</h2>

<button type="button" class="btn btn-primary">Primary Button</button>

<button type="button" class="btn btn-primary active">Active
Primary</button>

<button type="button" class="btn btn-primary disabled">Disabled
Primary</button>

</div>

</body>

</html>
```

## Button Groups

Bootstrap allows you to group a series of buttons together (on a single line) in a button group:

AppleSamsungSony

Use a `<div>` element with class `.btn-group` to create a button group

```
<!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/3.4.1/css/bootstrap.min.css"
">

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

<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"><
/script>

</head>

<body>

<div class="container">

<h2>Button Group</h2>

<p>The .btn-group class creates a button group:</p>

<div class="btn-group">

<button type="button" class="btn btn-primary">Apple</button>
```

```
<button type="button" class="btn btn-primary">Samsung</button>
```

```
<button type="button" class="btn btn-primary">Sony</button>
```

```
</div>
```

```
</div>
```

```
</body>
```

```
</html>
```

Instead of applying button sizes to every button in a group, use class `.btn-group-lg|sm|xs` to size all buttons in the group

```
<!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/3.4.1/css/bootstrap.min.css"
">
```

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

```
<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"><
/script>
```

```
</head>
```

```
<body>
```

```
<div class="container">
```

```
<h2>Button Groups - Set Sizes</h2>
```

```
<p>Add class .btn-group-* to size all buttons in a button group.</p>
```

```
<h3>Large Buttons:</h3>
```

```
<div class="btn-group btn-group-lg">
```

```
<button type="button" class="btn btn-primary">Apple</button>
```

```
<button type="button" class="btn btn-primary">Samsung</button>
```

```
<button type="button" class="btn btn-primary">Sony</button>
```

```
</div>
```

```
<h3>Default Buttons:</h3>
```

```
<div class="btn-group">
```

```
<button type="button" class="btn btn-primary">Apple</button>
```

```
<button type="button" class="btn btn-primary">Samsung</button>
```

```
<button type="button" class="btn btn-primary">Sony</button>
```

```
</div>
```

```
<h3>Small Buttons:</h3>
```

```
<div class="btn-group btn-group-sm">
```

```
<button type="button" class="btn btn-primary">Apple</button>
```

```
<button type="button" class="btn btn-primary">Samsung</button>
```

```
<button type="button" class="btn btn-primary">Sony</button>
```

```
</div>
```

```
<h3>Extra Small Buttons:</h3>
```

```
<div class="btn-group btn-group-xs">
<button type="button" class="btn btn-primary">Apple</button>
<button type="button" class="btn btn-primary">Samsung</button>
<button type="button" class="btn btn-primary">Sony</button>
</div>

</div>

</body>
</html>
```

## Vertical Button Groups

Bootstrap also supports vertical button groups:

AppleSamsungSony

Use the class `.btn-group-vertical` to create a vertical button group

```
<!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/3.4.1/css/bootstrap.min.css"
">
```

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

<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"><
/script>

</head>

<body>

<div class="container">

<h2>Vertical Button Group</h2>

<p>Use the .btn-group-vertical class to create a vertical button group:</p>

<div class="btn-group-vertical">

<button type="button" class="btn btn-primary">Apple</button>

<button type="button" class="btn btn-primary">Samsung</button>

<button type="button" class="btn btn-primary">Sony</button>

</div>

</div>

</body>

</html>
```

## Justified Button Groups

To span the entire width of the screen, use the `.btn-group-justified` class:

Apple

Samsung

Sony

Example with `<a>` elements

```
<!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/3.4.1/css/bootstrap.min.css"
">
```

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

```
<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"><
/script>
```

```
</head>
```

```
<body>
```

```
<div class="container">
```

```
<h2>Justified Button Groups</h2>
```

```
<p>To span the entire width of the screen, use the .btn-group-justified
class:</p>
```

```
<div class="btn-group btn-group-justified">
```

```
<a href="#" class="btn btn-primary">Apple</a>
<a href="#" class="btn btn-primary">Samsung</a>
<a href="#" class="btn btn-primary">Sony</a>
</div>
</div>

</body>
</html>
```

For `<button>` elements, you must wrap each button in a `.btn-group` class

```
<!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/3.4.1/css/bootstrap.min.css"
">
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></scrip
t>
<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"><
/script>
</head>
```



```
<body>

<div class="container">

<h2>Justified Button Groups</h2>

<div class="btn-group btn-group-justified">

<div class="btn-group">

<button type="button" class="btn btn-primary">Apple</button>

</div>

<div class="btn-group">

<button type="button" class="btn btn-primary">Samsung</button>

</div>

<div class="btn-group">

<button type="button" class="btn btn-primary">Sony</button>

</div>

</div>

</div>

</body>

</html>
```

## Nesting Button Groups & Dropdown Menus

AppleSamsung

Sony

Nest button groups to create dropdown menus

```
<!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/3.4.1/css/bootstrap.min.css
">

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

<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"><
/script>

</head>

<body>

<div class="container">

<h2>Nesting Button Groups</h2>

<p>Nest button groups to create drop down menus:</p>

<div class="btn-group">

<button type="button" class="btn btn-primary">Apple</button>

<button type="button" class="btn btn-primary">Samsung</button>

<div class="btn-group">
```

```
<button type="button" class="btn btn-primary dropdown-toggle" data-  
toggle="dropdown">
```

```
    Sony <span class="caret"></span></button>
```

```
<ul class="dropdown-menu" role="menu">
```

```
<li><a href="#">Tablet</a></li>
```

```
<li><a href="#">Smartphone</a></li>
```

```
</ul>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</body>
```

```
</html>
```

```
<!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/3.4.1/css/bootstrap.min.css  
>
```

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

```
<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"><
/script>

</head>

<body>

<div class="container">

<h2>Split Buttons</h2>

<div class="btn-group">

<button type="button" class="btn btn-primary">Sony</button>

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

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

</button>

<ul class="dropdown-menu" role="menu">

<li><a href="#">Tablet</a></li>

<li><a href="#">Smartphone</a></li>

</ul>

</div>

</div>

</body>

</html>
```

# Glyphicons

Bootstrap provides 260 glyphicons from the [Glyphicons](#) Halflings set.

Glyphicons can be used in text, buttons, toolbars, navigation, forms, etc.

Here are some examples of glyphicons:

Envelope glyphicon:

Print glyphicon:

Search glyphicon:

Download glyphicon:

## Glyphicon Syntax

A glyphicon is inserted with the following syntax

```
<span class="glyphiconglyphicon-name"></span>
```

The *name* part in the syntax above must be replaced with the proper name of the glyphicon.

## Glyphicon Example

The following example shows different ways to use glyphicons

```
<!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/3.4.1/css/bootstrap.min.css"
">
```

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

```
<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"><
/script>
```

```
</head>
```

```
<body>
```

```
<div class="container">
```

```
<h2>Glyphicon Examples</h2>
```

```
<p>Envelope icon: <span class="glyphiconglyphicon-envelope"></span></p>
```

```
<p>Envelope icon as a link:
```

```
<a href="#"><span class="glyphiconglyphicon-envelope"></span></a>
```

```
</p>
```

```
<p>Search icon: <span class="glyphiconglyphicon-search"></span></p>
```

```
<p>Search icon on a button:
```

```
<button type="button" class="btn btn-default">
```

```
<span class="glyphiconglyphicon-search"></span> Search
```

```
</button>
```

```
</p>
```

<p>Search icon on a styled button:

<button type="button" class="btn btn-info">

<span class="glyphicon glyphicon-search"></span> Search

</button>

</p>

<p>Print icon: <span class="glyphicon glyphicon-print"></span></p>

<p>Print icon on a styled link button:

<a href="#" class="btn btn-success btn-lg">

<span class="glyphicon glyphicon-print"></span> Print

</a>

</p>

</div>

</body>

</html>

Badges are numerical indicators of how many items are associated with a link:

[News](#) **5**  
[Comments](#) **10**  
[Updates](#) **2**

The numbers (5, 10, and 2) are the badges.

Use the `.badge` class within `<span>` elements to create badges

<!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/3.4.1/css/bootstrap.min.css
">

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

<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"><
/script>

</head>

<body>

<div class="container">

<h2>Badges</h2>

<a href="#">News <span class="badge">5</span></a><br>

<a href="#">Comments <span class="badge">10</span></a><br>

<a href="#">Updates <span class="badge">2</span></a>

</div>

</body>

</html>
```



Badges can also be used inside other elements, such as buttons:

Primary 7

The following example shows how to add badges to buttons

```
<!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/3.4.1/css/bootstrap.min.css"
">

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

<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"><
/script>

</head>

<body>

<div class="container">

<h2>Badges on Buttons</h2>

<button type="button" class="btn btn-primary">Primary <span
class="badge">7</span></button>
```

```
<button type="button" class="btn btn-success">Success <span  
class="badge">3</span></button>
```

```
<button type="button" class="btn btn-danger">Danger <span  
class="badge">5</span></button>
```

```
</div>
```

```
</body>
```

```
</html>
```

## Labels

Labels are used to provide additional information about something:

Example **New**

Example **New**

Example **New**

*Example* **New**

**Example** **New**

***Example*** **New**

Use the `.label` class, followed by one of the six contextual classes `.label-default`, `.label-primary`, `.label-success`, `.label-info`, `.label-warning` or `.label-danger`, within a `<span>` element to create a label

```
<!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/3.4.1/css/bootstrap.min.css
">

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

<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"><
/script>

</head>

<body>

<div class="container">

<h2>Labels</h2>

<h1>Example <span class="label label-default">New</span></h1>

<h2>Example <span class="label label-default">New</span></h2>

<h3>Example <span class="label label-default">New</span></h3>

<h4>Example <span class="label label-default">New</span></h4>

<h5>Example <span class="label label-default">New</span></h5>

<h6>Example <span class="label label-default">New</span></h6>

</div>
```

```
</body>
```

```
</html>
```

The following example shows all contextual label classes:

Default Label Primary Label Success Label Info Label Warning Label Danger Label

```
<!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/3.4.1/css/bootstrap.min.css"
">
```

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

```
<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"><
/script>
```

```
</head>
```

```
<body>
```

```
<div class="container">
```

```
<h2>Contextual Label Classes</h2>
```

```
<p>Contextual classes can be used to color the label.</p>
```

```
<span class="label label-default">Default Label</span>
<span class="label label-primary">Primary Label</span>
<span class="label label-success">Success Label</span>
<span class="label label-info">Info Label</span>
<span class="label label-warning">Warning Label</span>
<span class="label label-danger">Danger Label</span>
</div>

</body>
</html>
```

## Basic Progress Bar

A progress bar can be used to show a user how far along he/she is in a process.

Bootstrap provides several types of progress bars.

A default progress bar in Bootstrap looks like this:



To create a default progress bar, add a `.progress` class to a `<div>` element

```
<!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/3.4.1/css/bootstrap.min.css
">

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

<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"><
/script>

</head>

<body>

<div class="container">

<h2>Basic Progress Bar</h2>

<div class="progress">

<div class="progress-bar" role="progressbar" aria-valuenow="70" aria-
valuemin="0" aria-valuemax="100" style="width:70%">

<span class="sr-only">70% Complete</span>

</div>

</div>

</div>

</div>

</body>

</html>
```

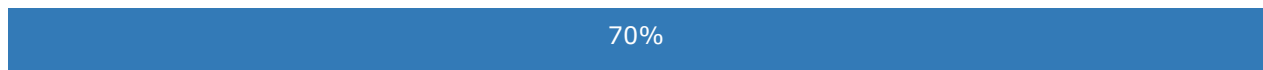
**Note:** Progress bars are not supported in Internet Explorer 9 and earlier (because they use CSS3 transitions and animations to achieve some of their

effects).

**Note:** To help improve accessibility for people using screen readers, you should include the aria-\* attributes

## Progress Bar With Label

A progress bar with a label looks like this:



Remove the `.sr-only` class from the progress bar to show a visible percentage

```
<!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/3.4.1/css/bootstrap.min.css"
">
```

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

```
<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"><
/script>
```

```
</head>
```

```
<body>
```

```
<div class="container">
```

```
<h2>Progress Bar With Label</h2>
```

```
<div class="progress">
```

```
<div class="progress-bar" role="progressbar" aria-valuenow="70" aria-  
valuemin="0" aria-valuemax="100" style="width:70%">
```

```
    70%
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</body>
```

```
</html>
```

## Colored Progress Bars

Contextual classes are used to provide "meaning through colors".

The contextual classes that can be used with progress bars are:

- `.progress-bar-success`
- `.progress-bar-info`
- `.progress-bar-warning`
- `.progress-bar-danger`



The following example shows how to create progress bars with the different contextual classes



```
<!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/3.4.1/css/bootstrap.min.css
">

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

<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"><
/script>

</head>

<body>

<div class="container">

<h2>Colored Progress Bars</h2>

<p>The contextual classes colors the progress bars:</p>

<div class="progress">

<div class="progress-bar progress-bar-success" role="progressbar" aria-
valuenow="40" aria-valuemin="0" aria-valuemax="100" style="width:40%">

    40% Complete (success)

</div>
```

```
</div>
```

```
<div class="progress">
```

```
<div class="progress-bar progress-bar-info" role="progressbar" aria-  
valuenow="50" aria-valuemin="0" aria-valuemax="100" style="width:50%">
```

```
    50% Complete (info)
```

```
</div>
```

```
</div>
```

```
<div class="progress">
```

```
<div class="progress-bar progress-bar-warning" role="progressbar" aria-  
valuenow="60" aria-valuemin="0" aria-valuemax="100" style="width:60%">
```

```
    60% Complete (warning)
```

```
</div>
```

```
</div>
```

```
<div class="progress">
```

```
<div class="progress-bar progress-bar-danger" role="progressbar" aria-  
valuenow="70" aria-valuemin="0" aria-valuemax="100" style="width:70%">
```

```
    70% Complete (danger)
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</body>
```

```
</html>
```

## Striped Progress Bars

Progress bars can also be striped:



Add class `.progress-bar-striped` to add stripes to the progress bars

```
<!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/3.4.1/css/bootstrap.min.css"
">

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

<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"><
/script>

</head>

<body>

<div class="container">

<h2>Striped Progress Bars</h2>
```

<p>The .progress-bar-striped class adds stripes to the progress bars: </p>

<div class="progress">

<div class="progress-bar progress-bar-success progress-bar-striped"  
role="progressbar" aria-valuenow="40" aria-valuemin="0" aria-  
valuemax="100" style="width:40%">

40% Complete (success)

</div>

</div>

<div class="progress">

<div class="progress-bar progress-bar-info progress-bar-striped"  
role="progressbar" aria-valuenow="50" aria-valuemin="0" aria-  
valuemax="100" style="width:50%">

50% Complete (info)

</div>

</div>

<div class="progress">

<div class="progress-bar progress-bar-warning progress-bar-striped"  
role="progressbar" aria-valuenow="60" aria-valuemin="0" aria-  
valuemax="100" style="width:60%">

60% Complete (warning)

</div>

</div>

<div class="progress">

<div class="progress-bar progress-bar-danger progress-bar-striped"  
role="progressbar" aria-valuenow="70" aria-valuemin="0" aria-  
valuemax="100" style="width:70%">

70% Complete (danger)

```
</div>
```

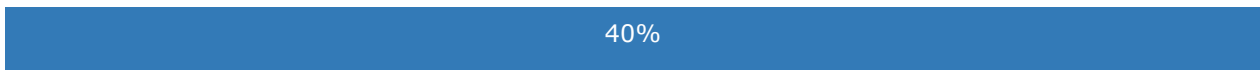
```
</div>
```

```
</div>
```

```
</body>
```

```
</html>
```

## Animated Progress Bar



Add class `.active` to animate the progress bar

```
<!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/3.4.1/css/bootstrap.min.css"
">
```

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

```
<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"><
/script>
```

```
</head>
```

```
<body>
```

```
<div class="container">
```

```
<h2>Animated Progress Bar</h2>
```

```
<p>The .active class animates the progress bar:</p>
```

```
<div class="progress">
```

```
<div class="progress-bar progress-bar-striped active" role="progressbar" aria-  
valuenow="40" aria-valuemin="0" aria-valuemax="100" style="width:40%">
```

```
    40%
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</body>
```

```
</html>
```

## Stacked Progress Bars

Progress bars can also be stacked:



Create a stacked progress bar by placing multiple bars into the same `<div class="progress">`

```
<!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/3.4.1/css/bootstrap.min.css
">

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

<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"><
/script>

</head>

<body>

<div class="container">

<h2>Stacked Progress Bars</h2>

<p>Create a stacked progress bar by placing multiple bars into the same div
with class .progress:</p>

<div class="progress">

<div class="progress-bar progress-bar-success" role="progressbar"
style="width:40%">

    Free Space

</div>
```

```
<div class="progress-bar progress-bar-warning" role="progressbar" style="width:10%">
```

Warning

```
</div>
```

```
<div class="progress-bar progress-bar-danger" role="progressbar" style="width:20%">
```

Danger

```
</div>
```

```
</div>
```

```
</div>
```

```
</body>
```

```
</html>
```

## Basic Pagination

If you have a web site with lots of pages, you may wish to add some sort of pagination to each page.

A basic pagination in Bootstrap looks like this:

- |   |
|---|
| 1 |
|---|
- |   |
|---|
| 2 |
|---|
- |   |
|---|
| 3 |
|---|
- |   |
|---|
| 4 |
|---|
- |   |
|---|
| 5 |
|---|

To create a basic pagination, add the `.pagination` class to an `<ul>` element



```
<!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/3.4.1/css/bootstrap.min.css
">

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

<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"><
/script>

</head>

<body>

<div class="container">

<h2>Pagination</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>
```

```
</div>
```

```
</body>
```

```
</html>
```

## Active State

The active state shows what is the current page:

- |   |
|---|
| 1 |
|---|
- |   |
|---|
| 2 |
|---|
- |   |
|---|
| 3 |
|---|
- |   |
|---|
| 4 |
|---|
- |   |
|---|
| 5 |
|---|

Add class `.active` to let the user know which page he/she is on

```
<!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/3.4.1/css/bootstrap.min.css"
">
```

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

```
<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"><
/script>
```

```
</head>
```

```
<body>
```

```
<div class="container">
```

```
<h2>Pagination - Active State</h2>
```

```
<p>Add class .active to let the user know which page he/she is on:</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>
```

```
</div>
```

```
</body>
```

```
</html>
```

# Disabled State

A disabled link cannot be clicked:

- [1](#)
- [2](#)
- [3](#)
- [4](#)
- [5](#)

Add class `.disabled` if a link for some reason is disabled

```
<!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/3.4.1/css/bootstrap.min.css"
">
```

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

```
<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"><
/script>
```

```
</head>
```

```
<body>

<div class="container">

<h2>Pagination - Disabled State</h2>

<p>Add class .disabled if a page for some reason is disabled:</p>

<ul class="pagination">

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

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

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

<li class="disabled"><a href="#">4</a></li>

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

</ul>

</div>

</body>

</html>
```

## Pagination Sizing

Pagination blocks can also be sized to a larger size or a smaller size:

- |   |
|---|
| 1 |
|---|
- |   |
|---|
| 2 |
|---|

- |   |
|---|
| 3 |
|---|
- |   |
|---|
| 4 |
|---|
- |   |
|---|
| 5 |
|---|

- |   |
|---|
| 1 |
|---|
- |   |
|---|
| 2 |
|---|
- |   |
|---|
| 3 |
|---|
- |   |
|---|
| 4 |
|---|
- |   |
|---|
| 5 |
|---|

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

```
<!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/3.4.1/css/bootstrap.min.css"
">
```

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

```
<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"><
/script>
```

```
</head>
```

```
<body>
```

```
<div class="container">
```

```
<h2>Pagination - Sizing</h2>
```

```
<p>Add class .pagination-lg for larger blocks or .pagination-sm for smaller blocks.</p>
```

```
<p>Large: </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>
```

```
<p>Default: </p>
```

```
<ul class="pagination 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>
```

```
<p>Small:</p>
```

```
<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>
```

```
</div>
```

```
</body>
```

```
</html>
```

## Breadcrumbs

Another form for pagination, is breadcrumbs:

1. [Home](#)

2. [Private](#)



### 3. Pictures

### 4. Vacation

The `.breadcrumb` class indicates the current page's location within a navigational hierarchy

```
<!DOCTYPE html>

<html>

<head>

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

<link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css"
">

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

<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"><
/script>

</head>

<body>

<div class="container">

<h2>Breadcrumbs</h2>

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

<ul class="breadcrumb">

<li><a href="#">Home</a></li>
```

```
<li><a href="#">Private</a></li>
<li><a href="#">Pictures</a></li>
<li class="active">Vacation</li>
</ul>
</div>
```

```
</body>
```

```
</html>
```

## What is Pager?

Pager is also a form of pagination (as described in the previous chapter).

Pager provides previous and next buttons (links).

To create previous/next buttons, add the `.pager` class to an `<ul>` element

```
<!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/3.4.1/css/bootstrap.min.css"
">
```

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

```
<script  
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"><  
/script>
```

```
</head>
```

```
<body>
```

```
<div class="container">
```

```
<h2>Pager</h2>
```

```
<p>The .pager class provides previous and next buttons (links):</p>
```

```
<ul class="pager">
```

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

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

```
</ul>
```

```
</div>
```

```
</body>
```

```
</html>
```

## Align Buttons

Use the `.previous` and `.next` classes to align each button to the sides of the page

```
<!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/3.4.1/css/bootstrap.min.css
">

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

<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"><
/script>

</head>

<body>

<div class="container">

<h2>Pager</h2>

<p>The .previous and .next classes align each link to the sides of the
page:</p>

<ul class="pager">

<li class="previous"><a href="#">Previous</a></li>

<li class="next"><a href="#">Next</a></li>

</ul>

</div>
```

```
</body>
```

```
</html>
```

## Basic List Groups

The most basic list group is an unordered list with list items:

- First item
- Second item
- Third item

To create a basic list group, use an `<ul>` element with class `.list-group`, and `<li>` elements with class `.list-group-item`

```
<!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/3.4.1/css/bootstrap.min.css"
">
```

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

```
<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"><
/script>
```

```
</head>

<body>

<div class="container">

<h2>Basic List Group</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>

</div>

</body>

</html>
```

## List Group With Badges

You can also add badges to a list group. The badges will automatically be positioned on the right:

- **12**New
- **5**Deleted
- **3**Warnings

To create a badge, create a `<span>` element with class `.badge` inside the list item

```
<!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/3.4.1/css/bootstrap.min.css
">

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

<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"><
/script>

</head>

<body>

<div class="container">

<h2>List Group With Badges</h2>

<ul class="list-group">

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

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

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

</ul>

</div>
```

```
</body>
```

```
</html>
```

## List Group With Linked Items

The items in a list group can also be hyperlinks. This will add a grey background color on hover:

```
First itemSecond itemThird item
```

To create a list group with linked items, use `<div>` instead of `<ul>` and `<a>` instead of `<li>`

## Active State

```
First itemSecond itemThird item
```

Use the `.active` class to highlight the current item

```
<!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/3.4.1/css/bootstrap.min.css"
">
```



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

<script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"><
/script>

</head>

<body>

<div class="container">

<h2>Active Item in a List Group</h2>

<div class="list-group">

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

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

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

</div>

</div>

</body>

</html>
```

## Active State



Use the `.active` class to highlight the current item

```
<!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/3.4.1/css/bootstrap.min.css">

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

  <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>

</head>

<body>

<div class="container">

  <h2>Active Item in a List Group</h2>

  <div class="list-group">

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

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

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

  </div>

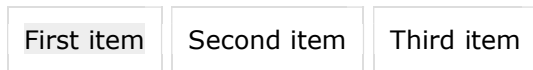
</div>

</body>

</html>
```

## Disabled Item

The following list group has a disabled item:



To disable an item, add the `.disabled` class

```
<!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/3.4.1/css/bootstrap.min.css">

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

  <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>

</head>

<body>

<div class="container">

  <h2>List Group With a Disabled Item</h2>

  <div class="list-group">

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

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

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

</div>

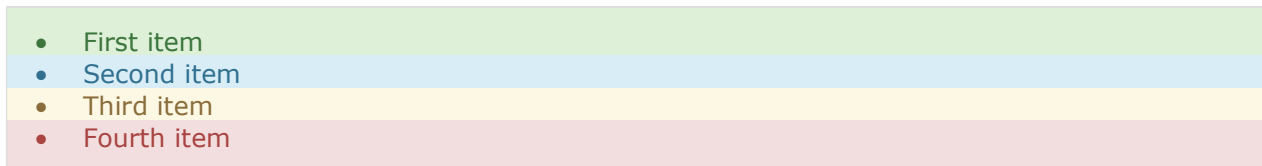
</div>

</body>

</html>

## Contextual Classes

Contextual classes can be used to color list items:



The classes for coloring list-items are: `.list-group-item-success`, `list-group-item-info`, `list-group-item-warning`, and `.list-group-item-danger`

<!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/3.4.1/css/bootstrap.min.css">

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

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>

</head>

```
<body>
```

```
<div class="container">
```

```
<h2>List Group With Contextual Classes</h2>
```

```
<ul class="list-group">
```

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

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

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

```
<li class="list-group-item list-group-item-danger">Fourth item</li>
```

```
</ul>
```

```
<h2>Linked Items With Contextual Classes</h2>
```

```
<p>Move the mouse over the linked items to see the hover effect:</p>
```

```
<div class="list-group">
```

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

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

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

```
<a href="#" class="list-group-item list-group-item-danger">Fourth item</a>
```

```
</div>
```

```
</div>
```

```
</body>
```

```
</html>
```

# Custom Content

You can add nearly any HTML inside a list group item.

Bootstrap provides the classes `.list-group-item-heading` and `.list-group-item-text` which can be used as follows

```
<!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/3.4.1/css/bootstrap.min.css">

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

  <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>

</head>

<body>

<div class="container">

  <h2>List Group With Custom Content</h2>

  <div class="list-group">

    <a href="#" class="list-group-item active">

      <h4 class="list-group-item-heading">First List Group Item Heading</h4>

      <p class="list-group-item-text">List Group Item Text</p>

    </a>
```

```
<a href="#" class="list-group-item">

  <h4 class="list-group-item-heading">Second List Group Item Heading</h4>

  <p class="list-group-item-text">List Group Item Text</p>

</a>

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

  <h4 class="list-group-item-heading">Third List Group Item Heading</h4>

  <p class="list-group-item-text">List Group Item Text</p>

</a>

</div>

</div>

</body>

</html>
```

## Panels

A panel in bootstrap is a bordered box with some padding around its content:

A Basic Panel

Panels are created with the `.panel` class, and content inside the panel has a `.panel-body` class

```
<!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/3.4.1/css/bootstrap.min.css">

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

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>

</head>

<body>

<div class="container">

  <h2>Basic Panel</h2>

  <div class="panel panel-default">

    <div class="panel-body">A Basic Panel</div>

  </div>

</div>

</body>

</html>
```

The `.panel-default` class is used to style the color of the panel. See the last example on this page for more contextual classes.

## Panel Heading

Panel Heading  
Panel Content

The `.panel-heading` class adds a heading to the panel

```
<!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/3.4.1/css/bootstrap.min.css">

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

  <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>

</head>

<body>


<div class="container">

  <h2>Panel Heading</h2>

  <div class="panel panel-default">

    <div class="panel-heading">Panel Heading</div>

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

  </div>

</div>


</body>

</html>
```

## Panel Footer

Panel Content  
Panel Footer

The `.panel-footer` class adds a footer to the panel

```
<!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/3.4.1/css/bootstrap.min.css">

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

  <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"> </script>

</head>

<body>

<div class="container">

  <h2>Panel Footer</h2>

  <div class="panel panel-default">

    <div class="panel-heading">Panel Heading</div>

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

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

  </div>

</div>

</body>

</html>
```

# Panel Group

To group many panels together, wrap a `<div>` with class `.panel-group` around them.

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

```
<!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/3.4.1/css/bootstrap.min.css">

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

  <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>

</head>

<body>

  <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>

</div>

</body>

</html>
```

## Panels with Contextual Classes

To color the panel, use contextual classes (`.panel-default`, `.panel-primary`, `.panel-success`, `.panel-info`, `.panel-warning`, or `.panel-danger`):

Panel with panel-default class

Panel Content

Panel with panel-primary class

Panel Content

Panel with panel-success class

Panel Content

Panel with panel-info class

Panel Content

Panel with panel-warning class

Panel Content

Panel with panel-danger class

Panel Content

```
<!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/3.4.1/css/bootstrap.min.css">
```

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

```
  <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"> </script>
```

```
</head>
```

```
<body>
```

```
<div class="container">
```

```
  <h2>Panels with Contextual Classes</h2>
```

```
  <div class="panel-group">
```

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

```
      <div class="panel-heading">Panel with panel-default class</div>
```

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

```
    </div>
```

```
<div class="panel panel-primary">  
  <div class="panel-heading">Panel with panel-primary class</div>  
  <div class="panel-body">Panel Content</div>  
</div>
```

```
<div class="panel panel-success">  
  <div class="panel-heading">Panel with panel-success class</div>  
  <div class="panel-body">Panel Content</div>  
</div>
```

```
<div class="panel panel-info">  
  <div class="panel-heading">Panel with panel-info class</div>  
  <div class="panel-body">Panel Content</div>  
</div>
```

```
<div class="panel panel-warning">  
  <div class="panel-heading">Panel with panel-warning class</div>  
  <div class="panel-body">Panel Content</div>  
</div>
```

```
<div class="panel panel-danger">  
  <div class="panel-heading">Panel with panel-danger class</div>  
  <div class="panel-body">Panel Content</div>  
</div>  
</div>  
</div>  
  
</body>
```

</html>

## Basic Dropdown

A dropdown menu is a toggleable menu that allows the user to choose one value from a predefined list

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

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

```
  <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">
```

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

```
  <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"> </script>
```

```
</head>
```

```
<body>
```

```
<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>

</div>

</body>

</html>

```

The `.dropdown` class indicates a dropdown menu.

To open the dropdown menu, use a button or a link with a class of `.dropdown-toggle` and the `data-toggle="dropdown"` attribute.

The `.caret` class creates a caret arrow icon (`>`), which indicates that the button is a dropdown.

Add the `.dropdown-menu` class to a `<ul>` element to actually build the dropdown menu

The `.divider` class is used to separate links inside the dropdown menu with a thin horizontal border

```

<!DOCTYPE html>

<html>

<head>

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

  <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">

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

  <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>

</head>

<body>

<div class="container">

  <h2>Dropdowns</h2>

```



<p>The .divider class is used to separate links inside the dropdown menu with a thin horizontal line:</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>

</div>

</body>

</html>
```

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

```
<!DOCTYPE html>

<html>

<head>

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

  <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">

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

  <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>

</head>
```

```

<body>

<div class="container">

  <h2>Dropdowns</h2>

  <p>The .dropdown-header class is used to add headers 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 class="dropdown-header">Dropdown header 1</li>

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

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

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

      <li class="divider"></li>

      <li class="dropdown-header">Dropdown header 2</li>

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

    </ul>

  </div>

</div>

</body>

</html>

```

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

```

<!DOCTYPE html>

<html>

<head>

```

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

<link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">

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

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>

</head>

<body>

<div class="container">

  <h2>Dropdowns</h2>

  <p>The .dropdown-header class is used to add headers 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 class="dropdown-header">Dropdown header 1</li>

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

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

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

      <li class="divider"></li>

      <li class="dropdown-header">Dropdown header 2</li>

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

    </ul>

  </div>

</div>

</body>

</html>
```

Highlight a specific dropdown item with the `.active` class (adds a blue background color).

To disable an item in the dropdown menu, use the `.disabled` class (gets a light-grey text color and a "no-parking-sign" icon on hover)

```
<!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/3.4.1/css/bootstrap.min.css">

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

  <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>

</head>

<body>

<div class="container">

  <h2>Dropdowns</h2>

  <p>The .active class adds a blue background color to the active link.</p>

  <p>The .disabled class disables a dropdown item (grey text color).</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="#">Normal</a></li>

      <li class="disabled"><a href="#">Disabled</a></li>

      <li class="active"><a href="#">Active</a></li>

      <li><a href="#">Normal</a></li>
```

```
</ul>
</div>
</div>
```

```
</body>
</html>
```

To right-align the dropdown, add the `.dropdown-menu-right` class to the element with `.dropdown-menu`

```
<!DOCTYPE html>
<html>
<head>
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">
  <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
  <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>
</head>
<body>

<div class="container">
  <h2>Dropdowns</h2>
  <p>Add the .dropdown-menu-right class to .dropdown-menu to right-align the dropdown
menu:</p>
  <div class="dropdown">
    <button class="btn btn-default dropdown-toggle" type="button" data-
toggle="dropdown">Dropdown Example
    <span class="caret"></span></button>
    <ul class="dropdown-menu dropdown-menu-right">
      <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>

</div>
```

```
</body>
```

```
</html>
```

If you want the dropdown menu to expand upwards instead of downwards, change the `<div>` element with `class="dropdown"` to `"dropup"`

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

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

```
<link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">
```

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

```
<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>
```

```
</head>
```

```
<body>
```

```
<div class="container">
```

```
<h2>Dropdowns</h2>
```

```
<p>The .dropup class makes the dropdown menu expand upwards instead of downwards:</p>
```

```
<div class="dropup">
```

```
<button class="btn btn-default dropdown-toggle" type="button" data-
toggle="dropdown">Dropup 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>
  <li class="divider"></li>
  <li><a href="#">About Us</a></li>
</ul>
</div>
</div>

</body>
</html>

```

o help improve accessibility for people using screen readers, you should include the following **role** and **aria-\*** attributes, when creating a dropdown menu

```

<!DOCTYPE html>
<html>
<head>
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">
  <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
  <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>
</head>
<body>

<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>

<div class="dropdown">

<button class="btn btn-default dropdown-toggle" type="button" id="menu1" data-toggle="dropdown">Tutorials

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

<ul class="dropdown-menu" role="menu" aria-labelledby="menu1">

<li role="presentation"><a role="menuitem" tabindex="-1" href="#">HTML</a></li>

<li role="presentation"><a role="menuitem" tabindex="-1" href="#">CSS</a></li>

<li role="presentation"><a role="menuitem" tabindex="-1" href="#">JavaScript</a></li>

<li role="presentation" class="divider"></li>

<li role="presentation"><a role="menuitem" tabindex="-1" href="#">About Us</a></li>

</ul>

</div>

</div>

</body>

</html>

## Basic Collapsible

Collapsibles are useful when you want to hide and show large amount of content

<!DOCTYPE html>

<html>

<head>

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

<link rel="stylesheet"  
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">

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



```
<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>
</head>
<body>

<div class="container">

  <h2>Simple Collapsible</h2>

  <p>Click on the button to toggle between showing and hiding content.</p>

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

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

    Lorem ipsum dolor sit amet, consectetur adipisicing elit,

    sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim
veniam,

    quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.

  </div>

</div>

</body>
</html>
```

## Example Explained

The `.collapse` class indicates a collapsible element (a `<div>` in our example); this is the content that will be shown or hidden with a click of a button.

To control (show/hide) the collapsible content, add the `data-toggle="collapse"` attribute to an `<a>` or a `<button>` element. Then add the `data-target="#id"` attribute to connect the button with the collapsible content (`<div id="demo">`).

**Note:** For `<a>` elements, you can use the `href` attribute instead of the `data-target` attribute

```
<!DOCTYPE html>
<html>
```

```

<head>

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

  <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">

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

  <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"> </script>

</head>

<body>

<div class="container">

  <h2>Simple Collapsible</h2>

  <a href="#demo" class="btn btn-info" data-toggle="collapse">Simple collapsible</a>

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

    Lorem ipsum dolor sit amet, consectetur adipisicing elit,

    sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim
    veniam,

    quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.

  </div>

</div>

</body>

</html>

```

By default, the collapsible content is hidden. However, you can add the `.in` class to show the content by default

```

<!DOCTYPE html>

<html>

<head>

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

```

```

<link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">

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

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>

</head>

<body>

<div class="container">

  <h2>Simple Collapsible</h2>

  <p>Click on the button to toggle between showing and hiding content.</p>

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

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

    Lorem ipsum dolor sit amet, consectetur adipisicing elit,

    sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim
veniam,

    quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.

  </div>

</div>

</body>

</html>

```

### *Collapsible panel*

The following example shows a collapsible panel

```

<!DOCTYPE html>

<html>

<head>

```

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

<link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">

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

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"> </script>

</head>

<body>

<div class="container">

  <h2>Collapsible Panel</h2>

  <p>Click on the collapsible panel to open and close it.</p>

  <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>

</div>

</div>
```

```
</body>
```

```
</html>
```

### *Collapsible list group*

The following shows a collapsible panel with a list group inside

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

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

```
  <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">
```

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

```
  <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"> </script>
```

```
</head>
```

```
<body>
```

```
<div class="container">
```

```
  <h2>Collapsible List Group</h2>
```

```
  <p>Click on the collapsible panel to open and close it.</p>
```

```
  <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>

</div>

</body>

</html>

```

#### *Collapsible Group 1*

Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.

#### *Collapsible Group 2*

#### *Collapsible Group 3*

The following example shows a simple accordion by extending the panel component.

**Note:** Use the **data-parent** attribute to make sure that all collapsible elements under the specified parent will be closed when one of the collapsible item is shown

```

<!DOCTYPE html>

<html>

<head>

```

```

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

<link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">

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

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>

</head>

<body>

<div class="container">

  <h2>Accordion Example</h2>

  <p><strong>Note:</strong> The <strong>data-parent</strong> attribute makes sure that all
collapsible elements under the specified parent will be closed when one of the collapsible item is
shown.</p>

  <div class="panel-group" id="accordion">

    <div class="panel panel-default">

      <div class="panel-heading">

        <h4 class="panel-title">

          <a data-toggle="collapse" data-parent="#accordion" href="#collapse1">Collapsible
Group 1</a>

        </h4>

      </div>

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

        <div class="panel-body">Lorem ipsum dolor sit amet, consectetur adipisicing elit,

sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim
veniam,

quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.</div>

        </div>

      </div>

    </div>

  </div>

```

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

  <div class="panel-heading">

    <h4 class="panel-title">

      <a data-toggle="collapse" data-parent="#accordion" href="#collapse2">Collapsible
Group 2</a>

    </h4>

  </div>

  <div id="collapse2" class="panel-collapse collapse">

    <div class="panel-body">Lorem ipsum dolor sit amet, consectetur adipisicing elit,

      sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim
veniam,

      quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.</div>

    </div>

  </div>

<div class="panel panel-default">

  <div class="panel-heading">

    <h4 class="panel-title">

      <a data-toggle="collapse" data-parent="#accordion" href="#collapse3">Collapsible
Group 3</a>

    </h4>

  </div>

  <div id="collapse3" class="panel-collapse collapse">

    <div class="panel-body">Lorem ipsum dolor sit amet, consectetur adipisicing elit,

      sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim
veniam,

      quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.</div>

    </div>

  </div>
```



```
</div>
```

```
</div>
```

```
</body>
```

```
</html>
```

## Menus

Most web pages have some kind of a menu.

In HTML, a menu is often defined in an unordered list `<ul>` (and styled afterwards), like this

```
<ul>
  <li><a href="#">Home</a></li>
  <li><a href="#">Menu 1</a></li>
  <li><a href="#">Menu 2</a></li>
  <li><a href="#">Menu 3</a></li>
</ul>
```

If you want to create a horizontal menu of the list above, add the `.list-inline` class to `<ul>`

```
<!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/3.4.1/css/bootstrap.min.css">
```

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

```
  <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"> </script>
```

```
</head>
```

```
<body>
```

```
<div class="container">

  <h3>Inline List</h3>

  <ul class="list-inline">

    <li><a href="#">Home</a></li>

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

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

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

  </ul>

</div>

</body>

</html>
```

## Tabs

Tabs are created with `<ul class="nav nav-tabs">`:

**Tip:** Also mark the current page with `<li class="active">`.

The following example creates navigation tabs

```
<!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/3.4.1/css/bootstrap.min.css">

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

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>

</head>

<body>

<div class="container">

<h3>Tabs</h3>

<ul class="nav nav-tabs">

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

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

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

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

</ul>

<br>

<p><strong>Note:</strong> This example shows how to create a basic navigation tab. It is
not toggleable/dynamic yet (you can't click on the links to display different content)- see the last
example in the Bootstrap Tabs and Pills Tutorial to find out how this can be done.</p>

</div>

</body>

</html>

```

abs can also hold dropdown menus.

The following example adds a dropdown menu to "Menu 1"

```
<!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/3.4.1/css/bootstrap.min.css">

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

  <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>

</head>

<body>

<div class="container">

  <h3>Tabs With Dropdown Menu</h3>

  <ul class="nav nav-tabs">

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

    <li class="dropdown">

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

      <ul class="dropdown-menu">

        <li><a href="#">Submenu 1-1</a></li>

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

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

      </ul>

    </li>

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

  </ul>

</div>

</body>

</html>
```

```
<li><a href="#">Menu 3</a></li>
```

```
</ul>
```

```
</div>
```

```
</body>
```

```
</html>
```

Pills are created with `<ul class="nav nav-pills">`. Also mark the current page with `<li class="active">`

```
<!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/3.4.1/css/bootstrap.min.css">
```

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

```
<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"> </script>
```

```
</head>
```

```
<body>
```

```
<div class="container">
```

```
<h3>Pills</h3>
```

```
<ul class="nav nav-pills">
```

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

```
<li><a href="#">Menu 1</a></li>

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

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

</ul>

</div>

</body>

</html>
```

Pills can also be displayed vertically. Just add the `.nav-stacked` class

```
<!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/3.4.1/css/bootstrap.min.css">

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

  <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>

</head>

<body>

<div class="container">

  <h3>Vertical Pills</h3>

  <p>Use the .nav-stacked class to vertically stack pills:</p>
```

```
<ul class="nav nav-pills nav-stacked">

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

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

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

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

</ul>

</div>

</body>

</html>
```

The following example places the vertical pill menu inside the last column. So, on a large screen the menu will be displayed to the right. But on a small screen, the content will automatically adjust itself into a single-column layout

```
<!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/3.4.1/css/bootstrap.min.css">

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

  <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>

</head>

<body>
```

```
<div class="container">

  <h3>Vertical Pills</h3>

  <div class="row">

    <div class="col-md-3">

      <p>Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor
incididunt ut labore et dolore magna aliqua.</p>

    </div>

    <div class="col-md-3">

      <p>Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea
commodo consequat.</p>

    </div>

    <div class="col-md-3">

      <p>Sed ut perspiciatis unde omnis iste natus error sit voluptatem accusantium doloremque
laudantium, totam rem aperiam.</p>

    </div>

    <div class="col-md-3">

      <ul class="nav nav-pills nav-stacked">

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

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

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

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

      </ul>

    </div>

    <div class="clearfix visible-lg"></div>

  </div>

</div>
```



```
</body>
```

```
</html>
```

Pills can also hold dropdown menus.

The following example adds a dropdown menu to "Menu 1"

```
<!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/3.4.1/css/bootstrap.min.css">
```

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

```
<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"> </script>
```

```
</head>
```

```
<body>
```

```
<div class="container">
```

```
<h3>Pills With Dropdown Menu</h3>
```

```
<ul class="nav nav-pills nav-stacked">
```

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

```
<li class="dropdown">
```

```
<a class="dropdown-toggle" data-toggle="dropdown" href="#">Menu 1 <span
class="caret"> </span> </a>
```

```

    <ul class="dropdown-menu">
      <li><a href="#">Submenu 1-1</a></li>
      <li><a href="#">Submenu 1-2</a></li>
      <li><a href="#">Submenu 1-3</a></li>
    </ul>
  </li>
  <li><a href="#">Menu 2</a></li>
  <li><a href="#">Menu 3</a></li>
</ul>
</div>

</body>

</html>

```

To center/justify the tabs and pills, use the `.nav-justified` class.

Note that on screens that are smaller than 768px, the list items are stacked (content will remain centered)

```

<!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/3.4.1/css/bootstrap.min.css">

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

```

```
<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>

</head>

<body>

<div class="container">

  <h3>Centered Tabs</h3>

  <p>To center/justify the tabs and pills, use the .nav-justified class. Note that on screens that
  are smaller than 768px, the list items are stacked (content will remain centered).</p>

  <ul class="nav nav-tabs nav-justified">

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

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

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

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

  </ul>

  <br>

  <h3>Centered Pills</h3>

  <ul class="nav nav-pills nav-justified">

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

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

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

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

  </ul>

</div>

</body>

</html>
```

# HOME

Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.

To make the tabs toggleable, add the `data-toggle="tab"` attribute to each link. Then add a `.tab-pane` class with a unique ID for every tab and wrap them inside a `<div>` element with class `.tab-content`.

If you want the tabs to fade in and out when clicking on them, add the `.fade` class to `.tab-pane`

```
<!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/3.4.1/css/bootstrap.min.css">

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

  <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>

</head>

<body>

<div class="container">

  <h2>Dynamic Tabs</h2>

  <p>To make the tabs toggleable, add the data-toggle="tab" attribute to each link. Then add a
.tab-pane class with a unique ID for every tab and wrap them inside a div element with class
.tab-content.</p>

  <ul class="nav nav-tabs">

    <li class="active"><a data-toggle="tab" href="#home">Home</a></li>
```

```
<li><a data-toggle="tab" href="#menu1">Menu 1</a></li>

<li><a data-toggle="tab" href="#menu2">Menu 2</a></li>

<li><a data-toggle="tab" href="#menu3">Menu 3</a></li>

</ul>
```

```
<div class="tab-content">
```

```
<div id="home" class="tab-pane fade in active">
```

```
<h3>HOME</h3>
```

```
<p>Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor
incididunt ut labore et dolore magna aliqua.</p>
```

```
</div>
```

```
<div id="menu1" class="tab-pane fade">
```

```
<h3>Menu 1</h3>
```

```
<p>Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea
commodo consequat.</p>
```

```
</div>
```

```
<div id="menu2" class="tab-pane fade">
```

```
<h3>Menu 2</h3>
```

```
<p>Sed ut perspiciatis unde omnis iste natus error sit voluptatem accusantium doloremque
laudantium, totam rem aperiam.</p>
```

```
</div>
```

```
<div id="menu3" class="tab-pane fade">
```

```
<h3>Menu 3</h3>
```

```
<p>Eaque ipsa quae ab illo inventore veritatis et quasi architecto beatae vitae dicta sunt
explicabo.</p>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</body>
```

```
</html>
```

The same code applies to pills; only change the data-toggle attribute to `data-toggle="pill"`

```
<!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/3.4.1/css/bootstrap.min.css">
```

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

```
<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>
```

```
</head>
```

```
<body>
```

```
<div class="container">
```

```
<h2>Dynamic Pills</h2>
```

<p>To make the tabs toggleable, add the data-toggle="pill" attribute to each link. Then add a .tab-pane class with a unique ID for every tab and wrap them inside a div element with class .tab-content.</p>

```
<ul class="nav nav-pills">
```

```
<li class="active"><a data-toggle="pill" href="#home">Home</a></li>
```

```
<li><a data-toggle="pill" href="#menu1">Menu 1</a></li>
```

```
<li><a data-toggle="pill" href="#menu2">Menu 2</a></li>
```

```
<li><a data-toggle="pill" href="#menu3">Menu 3</a></li>

</ul>

<div class="tab-content">

  <div id="home" class="tab-pane fade in active">

    <h3>HOME</h3>

    <p>Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor
incididunt ut labore et dolore magna aliqua.</p>

  </div>

  <div id="menu1" class="tab-pane fade">

    <h3>Menu 1</h3>

    <p>Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea
commodo consequat.</p>

  </div>

  <div id="menu2" class="tab-pane fade">

    <h3>Menu 2</h3>

    <p>Sed ut perspiciatis unde omnis iste natus error sit voluptatem accusantium doloremque
laudantium, totam rem aperiam.</p>

  </div>

  <div id="menu3" class="tab-pane fade">

    <h3>Menu 3</h3>

    <p>Eaque ipsa quae ab illo inventore veritatis et quasi architecto beatae vitae dicta sunt
explicabo.</p>

  </div>

</div>

</div>

</div>

</body>
```

</html>

## Navigation Bars

A navigation bar is a navigation header that is placed at the top of the page:

With Bootstrap, a navigation bar can extend or collapse, depending on the screen size.

A standard navigation bar is created with `<nav class="navbar navbar-default">`.

The following example shows how to add a navigation bar to the top of the page

```
<!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/3.4.1/css/bootstrap.min.css">
```

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

```
  <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"> </script>
```

```
</head>
```

```
<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>

</div>

</nav>


<div class="container">

  <h3>Basic Navbar Example</h3>

  <p>A navigation bar is a navigation header that is placed at the top of the page.</p>

</div>


</body>

</html>
```

## Inverted Navigation Bar

If you don't like the style of the default navigation bar, Bootstrap provides an alternative, black navbar:

Just change the `.navbar-default` class into `.navbar-inverse`

```
<!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/3.4.1/css/bootstrap.min.css">

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

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>

</head>

<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>

<div class="container">

  <h3>Inverted Navbar</h3>

  <p>An inverted navbar is black instead of gray.</p>

</div>
```

```
</body>
```

```
</html>
```

Navigation bars can also hold dropdown menus.

The following example adds a dropdown menu for the "Page 1" button

```
<!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/3.4.1/css/bootstrap.min.css">
```

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

```
  <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"> </script>
```

```
</head>
```

```
<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>

<div class="container">

    <h3>Navbar With Dropdown</h3>

    <p>This example adds a dropdown menu for the "Page 1" button in the navigation bar.</p>

</div>

</body>

</html>

```

The `.navbar-right` class is used to right-align navigation bar buttons.

In the following example we insert a "Sign Up" button and a "Login" button to the right in the navigation bar. We also add a glyphicon on each of the two new buttons

```
<!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/3.4.1/css/bootstrap.min.css">

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

  <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>

</head>

<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>

    </ul>

  </div>

</nav>

</body>

</html>
```

```

    </li>

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


<div class="container">

    <h3>Right Aligned Navbar</h3>

    <p>The .navbar-right class is used to right-align navigation bar buttons.</p>

</div>


</body>

</html>

```

To add buttons inside the navbar, add the `.navbar-btn` class on a Bootstrap button

```

<!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/3.4.1/css/bootstrap.min.css">

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

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>

</head>

<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="#">Link</a></li>

      <li><a href="#">Link</a></li>

    </ul>

    <button class="btn btn-danger navbar-btn">Button</button>

  </div>

</nav>
```

```
<div class="container">

  <h2>Navbar Button</h2>

  <p>Use the navbar-btn class on a button to vertically align (same padding as links) it inside
the navbar.</p>

</div>
```

```
</body>
```

```
</html>
```

To add form elements inside the navbar, add the `.navbar-form` class to a form element and add an input(s). Note that we have added a `.form-group` class to the div container holding the input. This adds proper padding if you have more than one inputs (you will learn more about this in the Forms chapter)

```
<!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/3.4.1/css/bootstrap.min.css">
```

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

```
  <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"> </script>
```

```
</head>
```

```
<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>

</ul>

<form class="navbar-form navbar-left" action="/action_page.php">

    <div class="form-group">

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

    </div>

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

</form>

</div>

</nav>

<div class="container">

    <h3>Navbar Forms</h3>

    <p>Use the .navbar-form class to vertically align form elements (same padding as links) inside the navbar.</p>

</div>

</body>

</html>

```

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

```

<!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/3.4.1/css/bootstrap.min.css">

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

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"> </script>

</head>

<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>

</ul>

<form class="navbar-form navbar-left" action="/action_page.php">

<div class="input-group">

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

<div class="input-group-btn">

<button class="btn btn-default" type="submit">
```

```
        <i class="glyphicon glyphicon-search"></i>

    </button>

</div>

</div>

</form>

</div>

</nav>
```

```
<div class="container">
```

```
    <h3>Navbar Forms</h3>
```

<p>Use the .navbar-form class to vertically align form elements (same padding as links) inside the navbar.</p>

<p>The .input-group class is a container to enhance an input by adding an icon, text or a button in front or behind it as a "help text".</p>

<p>The .input-group-btn class attaches a button next to an input field. This is often used as a search bar:</p>

```
</div>
```

```
</body>
```

```
</html>
```

Use the `.navbar-text` class to vertical align any elements inside the navbar that are not links (ensures proper padding and text color)

```
<!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/3.4.1/css/bootstrap.min.css">

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

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>

</head>

<body>

<nav class="navbar navbar-inverse">

  <ul class="nav navbar-nav">

    <li><a href="#">Link</a></li>

    <li><a href="#">Link</a></li>

  </ul>

  <p class="navbar-text">Some text</p>

</nav>

<div class="container">

  <h3>Navbar Text</h3>

  <p>Use the .navbar-text class to vertical align any elements inside the navbar that are not
links (ensures proper padding).</p>

</div>

</body>

</html>
```

The navigation bar can also be fixed at the top or at the bottom of the page.

A fixed navigation bar stays visible in a fixed position (top or bottom) independent of the page scroll.

he `.navbar-fixed-top` class makes the navigation bar fixed at the top

```
<!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/3.4.1/css/bootstrap.min.css">

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

  <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"> </script>

</head>

<body style="height:1500px">

<nav class="navbar navbar-inverse navbar-fixed-top">

  <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>

<div class="container" style="margin-top:50px">

<h3>Fixed Navbar</h3>

<div class="row">

<div class="col-md-4">

<p>A fixed navigation bar stays visible in a fixed position (top or bottom) independent of the page scroll.</p>

<p>A fixed navigation bar stays visible in a fixed position (top or bottom) independent of the page scroll.</p>

</div>

<div class="col-md-4">

<p>A fixed navigation bar stays visible in a fixed position (top or bottom) independent of the page scroll.</p>

<p>A fixed navigation bar stays visible in a fixed position (top or bottom) independent of the page scroll.</p>

</div>

<div class="col-md-4">

<p>A fixed navigation bar stays visible in a fixed position (top or bottom) independent of the page scroll.</p>

<p>A fixed navigation bar stays visible in a fixed position (top or bottom) independent of the page scroll.</p>

</div>

</div>

</div>

<h1>Scroll this page to see the effect</h1>

</body>

</html>

The `.navbar-fixed-bottom` class makes the navigation bar stay at the bottom

<!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/3.4.1/css/bootstrap.min.css">

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

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"> </script>

</head>

<body>

<nav class="navbar navbar-inverse navbar-fixed-bottom">

<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>

<div class="container">

<h3>Fixed Bottom Navbar</h3>

<div class="row">

<div class="col-md-3">

<p>The .navbar-fixed-bottom class makes the navigation bar stay at the bottom.</p>

</div>

<div class="col-md-3">

<p>The .navbar-fixed-bottom class makes the navigation bar stay at the bottom.</p>

</div>

<div class="col-md-3">

<p>The .navbar-fixed-bottom class makes the navigation bar stay at the bottom.</p>

</div>

<div class="col-md-3">

<p>The .navbar-fixed-bottom class makes the navigation bar stay at the bottom.</p>

</div>

<div class="clearfix visible-lg"></div>

</div>

</div>

<div class="container">

<div class="row">

<div class="col-md-3">



<p>The .navbar-fixed-bottom class makes the navigation bar stay at the bottom.</p>

</div>

<div class="col-md-3">

<p>The .navbar-fixed-bottom class makes the navigation bar stay at the bottom.</p>

</div>

<div class="col-md-3">

<p>The .navbar-fixed-bottom class makes the navigation bar stay at the bottom.</p>

</div>

<div class="col-md-3">

<p>The .navbar-fixed-bottom class makes the navigation bar stay at the bottom.</p>

</div>

<div class="clearfix visible-lg"></div>

</div>

</div>

<div class="container">

<div class="row">

<div class="col-md-3">

<p>The .navbar-fixed-bottom class makes the navigation bar stay at the bottom.</p>

</div>

<div class="col-md-3">

<p>The .navbar-fixed-bottom class makes the navigation bar stay at the bottom.</p>

</div>

<div class="col-md-3">

<p>The .navbar-fixed-bottom class makes the navigation bar stay at the bottom.</p>

</div>

<div class="col-md-3">

<p>The .navbar-fixed-bottom class makes the navigation bar stay at the bottom.</p>

</div>

<div class="clearfix visible-lg"></div>

</div>

</div>

<div class="container">

<div class="row">

<div class="col-md-3">

<p>The .navbar-fixed-bottom class makes the navigation bar stay at the bottom.</p>

</div>

<div class="col-md-3">

<p>The .navbar-fixed-bottom class makes the navigation bar stay at the bottom.</p>

</div>

<div class="col-md-3">

<p>The .navbar-fixed-bottom class makes the navigation bar stay at the bottom.</p>

</div>

<div class="col-md-3">

<p>The .navbar-fixed-bottom class makes the navigation bar stay at the bottom.</p>

</div>

<div class="clearfix visible-lg"></div>

</div>

</div>

```
</body>
```

```
</html>
```

The navigation bar often takes up too much space on a small screen.

We should hide the navigation bar; and only show it when it is needed.

In the following example the navigation bar is replaced by a button in the top right corner. Only when the button is clicked, the navigation bar will be displayed

```
<!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/3.4.1/css/bootstrap.min.css">
```

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

```
<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"> </script>
```

```
</head>
```

```
<body>
```

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

```
<div class="container-fluid">
```

```
<div class="navbar-header">
```

```
<button type="button" class="navbar-toggle" data-toggle="collapse" data-
target="#myNavbar">
```

```
<span class="icon-bar"> </span>
```

```
<span class="icon-bar"> </span>
```

```
<span class="icon-bar"></span>

</button>

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

</div>

<div class="collapse navbar-collapse" id="myNavbar">

  <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>

</div>

</nav>
```

```
<div class="container">

  <h3>Collapsible Navbar</h3>

  <p>In this example, the navigation bar is hidden on small screens and replaced by a button in
the top right corner (try to re-size this window).

  <p>Only when the button is clicked, the navigation bar will be displayed.</p>

</div>

</body>

</html>
```

## Bootstrap's Default Settings

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%

## Bootstrap Form Layouts

Bootstrap provides three types of form layouts:

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

Standard rules for all three form layouts:

- 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

```
<!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/3.4.1/css/bootstrap.min.css">

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

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"> </script>

</head>

<body>


<div class="container">

<h2>Vertical (basic) form</h2>

<form action="/action_page.php">

  <div class="form-group">

    <label for="email">Email: </label>

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

  </div>

  <div class="form-group">

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

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

  </div>

  <div class="checkbox">

    <label><input type="checkbox" name="remember"> Remember me</label>

  </div>


```

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

</form>

</div>

</body>

</html>
```

In an inline form, all of the elements are inline, left-aligned, and the labels are alongside.

**Note: This only applies to forms within viewports that are at least 768px wide!**

Additional rule for an inline form:

- Add class `.form-inline` to the `<form>` element

The following example creates an inline form with two input fields, one checkbox, and one submit button

```
<!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/3.4.1/css/bootstrap.min.css">

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

  <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"> </script>

</head>

<body>

<div class="container">
```

```
<h2>Inline form</h2>
```

<p>Make the viewport larger than 768px wide to see that all of the form elements are inline, left aligned, and the labels are alongside.</p>

```
<form class="form-inline" action="/action_page.php">

  <div class="form-group">

    <label for="email">Email:</label>

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

  </div>

  <div class="form-group">

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

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

  </div>

  <div class="checkbox">

    <label><input type="checkbox" name="remember"> Remember me</label>

  </div>

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

</form>

</div>

</body>

</html>
```

If you don't include a label for every input, screen readers will have trouble with your forms. You can hide the labels for all devices, except screen readers, by using the `.sr-only` class

```
<!DOCTYPE html>

<html lang="en">
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```
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  <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"> </script>

</head>

<body>

  <div class="container">

    <h2>Inline form with .sr-only class</h2>

    <p>Make the viewport larger than 768px wide to see that all of the form elements are inline,
left aligned, and the labels are alongside.</p>

    <form class="form-inline" action="/action_page.php">

      <div class="form-group">

        <label class="sr-only" for="email">Email:</label>

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

      </div>

      <div class="form-group">

        <label class="sr-only" for="pwd">Password:</label>

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

      </div>

      <div class="checkbox">

        <label><input type="checkbox" name="remember"> Remember me</label>
```

```
</div>

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

</form>

</div>

</body>

</html>
```

A horizontal form means that the labels are aligned next to the input field (horizontal) on large and medium screens. On small screens (767px and below), it will transform to a vertical form (labels are placed on top of each input).

Additional rules for a horizontal form:

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

**Tip:** Use Bootstrap's predefined grid classes to align labels and groups of form controls in a horizontal layout.

The following example creates a horizontal form with two input fields, one checkbox, and one submit button

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

  <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"> </script>
```

</head>

<body>

<div class="container">

<h2>Horizontal form</h2>

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

<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"  
name="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"  
name="pwd">

</div>

</div>

<div class="form-group">

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

<div class="checkbox">

<label><input type="checkbox" name="remember"> Remember me</label>

</div>

</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>

</div>


</body>

</html>
```

