Bootstrap is a free and open-source CSS framework directed at responsive, mobile-first front-end web development. It contains CSS- and (optionally) JavaScript-based design templates for typography, forms, buttons, navigation, and other interface components.

Bootstrap is the popular HTML, CSS and JavaScript framework for developing a responsive and mobile friendly website.

It includes HTML and CSS based design templates for typography, forms, buttons, tables, navigation, modals, image carousels and many others.

It can also use JavaScript plug-ins.

It facilitates you to create responsive designs.

<!DOCTYPE html**>**

**<html** lang="en"**>**

**<head>**

**<title>**This is a Bootstrap example**</title>**

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

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

**</head>**

**<body>**

**<div** class="container"**>**

**<h1>** First Bootstrap web page**</h1>**

**<p>**Write your text here..**</p>**

**</div>**

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

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

**</body>**

**</html>**

What Bootstrap Package Includes?

* **Scaffolding** − Bootstrap provides a basic structure with Grid System, link styles, and background. This is is covered in detail in the section **Bootstrap Basic Structure**
* **CSS** − Bootstrap comes with the feature of global CSS settings, fundamental HTML elements styled and enhanced with extensible classes, and an advanced grid system. This is covered in detail in the section **Bootstrap with CSS**.
* **Components** − Bootstrap contains over a dozen reusable components built to provide iconography, dropdowns, navigation, alerts, pop-overs, and much more. This is covered in detail in the section **Layout Components**.
* **JavaScript Plugins** − Bootstrap contains over a dozen custom jQuery plugins. You can easily include them all, or one by one. This is covered in details in the section **Bootstrap Plugins**.
* **Customize** − You can customize Bootstrap's components, LESS variables, and jQuery plugins to get your very own version.

Bootstrap download: [Bootstrap · The most popular HTML, CSS, and JS library in the world. (getbootstrap.com)](https://getbootstrap.com/)

# **Bootstrap Container**

In Bootstrap, container is used to set the content's margins dealing with the responsive behaviors of your layout. It contains the row elements and the row elements are the container of columns (known as grid system).

The **container class** is used to create boxed content.

There are two container classes in Bootstrap:

1. container
2. container-fluid

The **.container class** is the fixed width container

**On the other hand, the container-fluid class** will take the full width of the viewport. If you use the container-fluid and resize the browser, you may notice the content inside it will adjust with every pixel to take the full available width.

The viewport is**the user's visible area of a web page.**

Jumbotron

Container

Buttons:

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

 <!DOCTYPE html**>**

**<html** lang="en"**>**

**<head>**

**<title>**Job**</title>**

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

**</head>**

**<body>**

**<h1>**Button Example!**</h1>**

**<button** class="btn btn-default"**>**default**</button>**

**<button** class="btn btn-primary"**>**primary**</button>**

**<button** class="btn btn-danger"**>**danger**</button>**

**<button** class="btn btn-success"**>**success**</button>**

**<button** class="btn btn-info"**>**info**</button>**

**<button** class="btn btn-warning"**>**warning**</button>**

**<button** class="btn btn-link"**>**Link**</button>**

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

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

**</body>**

**</html>**

The following classes define the different sizes:

* .btn-lg
* .btn-md
* .btn-sm
* .btn-xs

**<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>**

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

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

There are four classes in Bootstrap Grid System:

* xs (for phones)
* sm (for tablets)
* md (for desktops)
* lg (for larger desktops)

There are 5 classes in Bootstrap 4 grid system.

* **.col-** (extra small devices - screen width less than 576px)
* **.col-sm-** (small devices - screen width equal to or greater than 576px)
* **.col-md-** (medium devices - screen width equal to or greater than 768px)
* **.col-lg-** (large devices - screen width equal to or greater than 992px)
* **.col-xl-** (xlarge devices - screen width equal to or greater than 1200px)

.table, **.table-hover**

**Forms:**

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