

Bootstrap 4 Cheat Sheet

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Breakpoints

Breakpoints

Extra small < 544px

Small ≥ 544px

Medium ≥ 768px

Large ≥ 992px

Extra large ≥ 1200px

Typography

`.text-left` Left aligned text
`.text-center` Center aligned text
`.text-right` Right aligned text
`.text-justify` Justified text
`.text-nowrap` No wrap text
`.text-lowercase` Lowercase text
`.text-uppercase` Uppercase text
`.text-capitalize` Capitalized text
`.lead` Good for first paragraph of article

Blockquote

```
<blockquote class="blockquote">
  <p class="m-b-0">Lorem ipsum dolor sit
  amet, consectetur adipiscing elit. Integer
  posuere erat a ante.</p>
</blockquote>
```

Headings

```
<h1>h1. Bootstrap heading <small>Secondary
text</small></h1>
<p class="h1">Paragraph that looks like
heading</p>
```

Colors

| | |
|------------------------------|----------------------------|
| <code>.text-primary</code> | <code>.bg-primary</code> |
| <code>.text-secondary</code> | <code>.bg-secondary</code> |
| <code>.text-success</code> | <code>.bg-success</code> |
| <code>.text-danger</code> | <code>.bg-danger</code> |
| <code>.text-warning</code> | <code>.bg-warning</code> |
| <code>.text-info</code> | <code>.bg-info</code> |
| <code>.text-light</code> | <code>.bg-light</code> |
| <code>.text-dark</code> | <code>.bg-dark</code> |
| | <code>.bg-white</code> |

Lists

`.list-unstyled` Removes default list margin
`.dl-horizontal` Makes list items two columns
`.list-inline` Makes list items inline
`.list-inline-item` Added to each li

Example

```
<ul class="social-icons list-inline">
  <li class="list-inline-item">item 1</li>
</ul>
```

Images

`.img-fluid` Make an image responsive
`.rounded` Adds rounded corners to image
`.rounded-circle` Crops image to be circle
`.img-thumbnail` Adds rounded corner + border

Floats

`.float-left` Floats item left
`.float-right` Floats item right
`.float-none` Removes float
`.float-*-*` Add breakpoints if needed

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Starter Template

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <!-- Required meta tags -->
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
    <!-- Bootstrap CSS -->
    <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0-beta/css/
bootstrap.min.css">
    <!-- Main CSS -->
    <link rel="stylesheet" href="css/main.css">
  </head>
  <body>
    <div class="container">
      <h1>Hello, world!</h1>
      <div class="row">
        <div class="col-sm-6">Left Column</div>
        <div class="col-sm-6">Right Column</div>
      </div>
    </div>
    <!-- jQuery first, then Tether, then Bootstrap JS. -->
    <script src="https://code.jquery.com/jquery-3.2.1.slim.min.js"></script>
    <script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.11.0/umd/popper.min.
js"></script>
    <script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0-beta/js/bootstrap.min.
js"></script>
    <!-- Main JS -->
    <script src="js/main.js"></script>
  </body>
</html>
```

One Column Centered Grid

```
<div class="container">
  <div class="row justify-content-center">
    <div class="col-md-6"></div>
  </div>
</div>
```

Two Column Grid

```
<div class="container">
  <div class="row">
    <div class="col-sm-6"></div>
    <div class="col-sm-6"></div>
  </div>
</div>
```

Three Column Grid

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

Four Column Grid

```
<div class="container">
  <div class="row">
    <div class="col-sm-3"></div>
    <div class="col-sm-3"></div>
    <div class="col-sm-3"></div>
    <div class="col-sm-3"></div>
  </div>
</div>
```

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Navbar

```
<nav class="navbar navbar-toggleable-md navbar-dark bg-primary">
  <button class="navbar-toggler navbar-toggler-right" type="button" data-toggle="collapse"
data-target="#navbarNavDropdown" aria-controls="navbarNavDropdown" aria-expanded="false"
aria-label="Toggle navigation">
    <span class="navbar-toggler-icon"></span>
  </button>
  <a class="navbar-brand" href="#">Navbar</a>
  <div class="collapse navbar-collapse" id="navbarNavDropdown">
    <ul class="navbar-nav">
      <li class="nav-item active">
        <a class="nav-link" href="#">Home <span class="sr-only">(current)</span></a>
      </li>
      <li class="nav-item">
        <a class="nav-link" href="#">Features</a>
      </li>
      <li class="nav-item">
        <a class="nav-link" href="#">Pricing</a>
      </li>
      <li class="nav-item dropdown">
        <a class="nav-link dropdown-toggle" href="http://example.com"
id="navbarDropdownMenuLink" data-toggle="dropdown" aria-haspopup="true" aria-
expanded="false">
          Dropdown link
        </a>
        <div class="dropdown-menu" aria-labelledby="navbarDropdownMenuLink">
          <a class="dropdown-item" href="#">Action</a>
          <a class="dropdown-item" href="#">Another action</a>
          <a class="dropdown-item" href="#">Something else here</a>
        </div>
      </li>
    </ul>
  </div>
</nav>
```

Modal

```
<!-- Button trigger modal -->
<button type="button" class="btn btn-primary" data-toggle="modal" data-target="#myModal">
  Launch demo modal
</button>

<!-- Modal -->
<div class="modal fade" id="myModal" tabindex="-1" role="dialog" aria-
labelledby="exampleModalLabel" aria-hidden="true">
  <div class="modal-dialog" role="document">
    <div class="modal-content">
      <div class="modal-header">
        <h5 class="modal-title" id="exampleModalLabel">Modal title</h5>
        <button type="button" class="close" data-dismiss="modal" aria-label="Close">
          <span aria-hidden="true">&times;</span></button>
      </div>
      <div class="modal-body">
        <h2>Modal body heading</h2>
        <p>Modal body text description</p>
      </div>
      <div class="modal-footer">
        <button type="button" class="btn btn-secondary" data-dismiss="modal">Close</
button>
        <button type="button" class="btn btn-primary">Save changes</button>
      </div>
    </div>
  </div>
</div>
```

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Forms

```
<form>
  <div class="form-group">
    <label for="exampleInputEmail1">Email address</label>
    <input type="email" class="form-control" id="exampleInputEmail1" aria-
describedby="emailHelp" placeholder="Enter email">
    <small id="emailHelp" class="form-text text-muted">We'll never share your email with
anyone else.</small>
  </div>
  <div class="form-group">
    <label for="exampleInputPassword1">Password</label>
    <input type="password" class="form-control" id="exampleInputPassword1"
placeholder="Password">
  </div>
  <div class="checkbox">
    <label>
      <input type="checkbox"> Check me out
    </label>
  </div>
  <button type="submit" class="btn btn-primary">Submit</button>
</form>
```

Buttons

.btn Needs to be added to all buttons because it adds padding and margin
.btn-* primary, secondary, success, danger, warning, info, light, dark, link
.btn-outline-* primary, secondary, success, danger, warning, info, light, dark, link

.btn-lg Large button
.btn-sm Smaller than default button

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

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

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Carousel

```
<div id="carousel-name" class="carousel slide" data-ride="carousel">
  <ol class="carousel-indicators">
    <li data-target="#carousel-name" data-slide-to="0" class="active"></li>
    <li data-target="#carousel-name" data-slide-to="1"></li>
    <li data-target="#carousel-name" data-slide-to="2"></li>
  </ol>
  <div class="carousel-inner" role="listbox">
    <div class="carousel-item active">
      
      <div class="carousel-caption d-none d-md-block">
        <h3>Carousel Slider Title</h3>
        <p>Description text to further describe the content of the slide image</p>
        <a href="" class="btn btn-primary">Call to Action</a>
      </div>
    </div>
    <div class="carousel-item">
      
      <div class="carousel-caption d-none d-md-block">
        <a href="" class="btn btn-primary">Call to Action</a>
      </div>
    </div>
  </div>
  <a class="carousel-control-prev" href="#carousel-name" role="button" data-slide="prev">
    <span class="carousel-control-prev-icon" aria-hidden="true"></span>
    <span class="sr-only">Previous</span>
  </a>
  <a class="carousel-control-next" href="#carousel-name" role="button" data-slide="next">
    <span class="carousel-control-next-icon" aria-hidden="true"></span>
    <span class="sr-only">Next</span>
  </a>
</div>
```

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Jumbotron

```
<div class="jumbotron jumbotron-fluid">
  <div class="container">
    <h1 class="display-3">Fluid jumbotron</h1>
    <p class="lead">This is a modified jumbotron that occupies the entire horizontal space
of its parent.</p>
  </div>
</div>
```

Card

```
<div class="card" style="width: 20rem;">
  
  <div class="card-body">
    <h4 class="card-title">Card title</h4>
    <p class="card-text">Some quick example text to build on the card title and make up
the bulk of the card's content.</p>
    <a href="#" class="btn btn-primary">Go somewhere</a>
  </div>
</div>
```

Breadcrumbs

```
<ol class="breadcrumb">
  <li><a href="#">Home</a></li>
  <li><a href="#">Library</a></li>
  <li class="active">Data</li>
</ol>
```

Responsive embed

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


Tables

```
<table class="table">
  <thead class="thead-default">
    <tr>
      <th>#</th>
      <th>thead-default</th>
    </tr>
  </thead>
  <tbody>
    <tr>
      <th scope="row">1</th>
      <td>Nina</td>
    </tr>
  </tbody>
</table>
```

```
<table class="table">
  <thead class="thead-inverse">
    <tr>
      <th>#</th>
      <th>thead-inverse</th>
    </tr>
  </thead>
  <tbody>
    <tr>
      <th scope="row">1</th>
      <td>Nina</td>
    </tr>
  </tbody>
</table>
```

Component CSS Format and Media Queries

```
/*
 * Component section heading
 *
 * Component description and use
 */

/* base - shared styles */
.component { width: 220px; }

/* Sub-component with component name as a prefix to isolate styles and break
the cascade. */

.component-heading {
  display: block;
  width: 100px;
  font-size: 1rem;
}

/* variant - alert color */
.component-alert {
  color: #ff0000;
}

/* variant - success color */
.component-success {
  color: #00ff00;
}

/* Add media queries below components instead of a separate stylesheet or
section to make updating easier */

@media (min-width: 480px) {
  .component-heading { width:auto; }
}
```