

Bootstrap 4 Cheat Sheet

v4.0.0-alpha.3, 8/11/16 Page 1/13

Grid

Basic grid - full width is 12 columns wide

```
<!-- change .container to .container-fluid
to be full width -->
<div class="container">
  <!-- Columns are always 50% wide, on
mobile and desktop -->
  <div class="row">
    <div class="col-xs-6">.col-xs-6</div>
    <div class="col-xs-6">.col-xs-6</div>
  </div>
  <!-- nested columns example -->
  <div class="row">
    <div class="col-xs-6">.col-xs-6</div>
    <div class="col-xs-6">.col-xs-6
      <div class="row">
        <div class="col-md-6">100% mobile 50%
everywhere else</div>
        <div class="col-md-6">100% mobile 50%
everywhere else</div>
      </div>
    </div>
  </div>
</div>
```

Breakpoints

Extra small < 544px
Small ≥ 544px
Medium ≥ 768px
Large ≥ 992px
Extra large ≥ 1200px

Text & Images

.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
.list-unstyled Removes default list margin
.list-inline Makes list items inline
.dl-horizontal Makes list items two columns
.img-fluid Make an image responsive
.img-rounded Adds rounded corners to image
.img-circle Crops image to be circle
.img-thumbnail Adds rounded corner + border
.pull-left Floats item left
.pull-right Floats item right
.center-block Set an element to block with auto left and right margin
.clearfix Clear floats by adding this class to the parent container

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>
```

Bootstrap 4 Cheat Sheet

v4.0.0-alpha.3, 8/11/16 Page 2/13

Navbar

```
<!-- Fixed top navbar with brand as logo image tags -->
<nav class="navbar navbar-light bg-faded">
  <button class="navbar-toggler hidden-sm-up" type="button" data-toggle="collapse" data-
target="#exCollapsingNavbar2" aria-controls="exCollapsingNavbar2" aria-expanded="false"
aria-label="Toggle navigation">
    &#9776;
  </button>
  <div class="collapse navbar-toggleable-xs" id="exCollapsingNavbar2">
    <a class="navbar-brand" href="#">Responsive navbar</a>
    <ul class="nav 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">
        <a class="nav-link" href="#">About</a>
      </li>
    </ul>
  </div>
</nav>
```

Bootstrap 4 Cheat Sheet

v4.0.0-alpha.3, 8/11/16 Page 3/13

Modal

```
<!-- Button trigger modal -->
```

```
<button type="button" class="btn btn-primary btn-lg" data-toggle="modal" data-target="#myModal">
```

```
    Launch demo modal
```

```
</button>
```

```
<!-- Modal -->
```

```
<div class="modal fade" id="myModal" tabindex="-1" role="dialog" aria-labelledby="myModalLabel" aria-hidden="true">
```

```
    <div class="modal-dialog" role="document">
```

```
        <div class="modal-content">
```

```
            <div class="modal-header">
```

```
                <button type="button" class="close" data-dismiss="modal" aria-label="Close">
```

```
                    <span aria-hidden="true">&times;</span></button>
```

```
            </div>
```

```
            <h4 class="modal-title" id="myModalLabel">Modal title</h4>
```

```
        </div>
```

```
        <div class="modal-body">
```

```
            ...
```

```
        </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>
```

Bootstrap 4 Cheat Sheet

v4.0.0-alpha.3, 8/11/16 Page 4/13

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-default The default button style

.btn-primary The button that has the primary action in a group

.btn-success Could be used on the last submit button in a form

.btn-info Informational button

.btn-link Removes background color and add text color

.btn-lg Large button

.btn-sm Smaller than default button

.btn-xs Even smaller

.btn-block Button that spans full width of parent

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

Bootstrap 4 Cheat Sheet

v4.0.0-alpha.3, 8/11/16 Page 5/13

Carousel

```
<div id="carousel-example-generic" class="carousel slide" data-ride="carousel">
  <ol class="carousel-indicators">
    <li data-target="#carousel-example-generic" data-slide-to="0" class="active"></li>
    <li data-target="#carousel-example-generic" data-slide-to="1"></li>
    <li data-target="#carousel-example-generic" data-slide-to="2"></li>
  </ol>
  <div class="carousel-inner" role="listbox">
    <div class="carousel-item active">
      
    </div>
    <div class="carousel-item">
      
    </div>
    <div class="carousel-item">
      
    </div>
  </div>
  <a class="left carousel-control" href="#carousel-example-generic" role="button" data-slide="prev">
    <span class="icon-prev" aria-hidden="true"></span>
    <span class="sr-only">Previous</span>
  </a>
  <a class="right carousel-control" href="#carousel-example-generic" role="button" data-slide="next">
    <span class="icon-next" aria-hidden="true"></span>
    <span class="sr-only">Next</span>
  </a>
</div>
```

Bootstrap 4 Cheat Sheet

v4.0.0-alpha.3, 8/11/16 Page 6/13

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">
  
  <div class="card-block">
    <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>
```

Bootstrap 4 Cheat Sheet

v4.0.0-alpha.3, 8/11/16 Page 7/13

Convert pixels to REMS

Pixels	REMS	Pixels	REMS
1 px	0.0625	26	1.625
2 px	0.125	27	1.6875
3 px	0.1875	28	1.75
4 px	0.25	29	1.8125
5 px	0.3125	30	1.875
6 px	0.375	31	1.9375
7 px	0.4375	32	2
8 px	0.5	33	2.0625
9 px	0.5625	34	2.125
10 px	0.625	35	2.1875
11 px	0.6875	36	2.25
12 px	0.75	37	2.3125
13 px	0.8125	38	2.375
14 px	0.875	39	2.4375
15 px	0.9375	40	2.5
Default Bootstrap 4 font size 16 px	1	41	2.5625
17 px	1.0625	42	2.625
18 px	1.125	43	2.6875
19 px	1.1875	44	2.75
20 px	1.25	45	2.8125
21 px	1.3125	46	2.875
22 px	1.375	47	2.9375
23 px	1.4375	48	3
24 px	1.5	49	3.0625
25 px	1.5625	50	3.125

Bootstrap 4 Cheat Sheet

v4.0.0-alpha.3, 8/11/16 Page 8/13

Multiples of common unites of measure

Multiples of 15		Multiples of 30	
15	405	30	810
30	420	60	840
45	435	90	870
60	450	120	900
75	465	150	930
90	480	180	960
105	495	210	990
120	510	240	1020
135	525	270	1050
150	540	300	1080
165	555	330	1110
180	570	360	1140
195	585	390	1170
210	600	420	1200
225	615	450	1230
240	630	480	1260
255	645	510	1290
270	660	540	1320
285	675	570	1350
300	690	600	1380
315	705	630	1410
330	720	660	1440
345	735	690	1470
360	750	720	1500
375	765	750	1530
390	780	780	1560

Bootstrap 4 Cheat Sheet

v4.0.0-alpha.3, 8/11/16 Page 9/13

Tables

```
<div class="table-responsive">
  <table class="table table-condensed table-hover table-bordered table-striped">
    <tr class="active">...</tr>
    <tr>
      <td class="info">...</td>
    </tr>
  </table>
</div>
```

Alphabetical Index of CSS Classes

<code>.active</code>	<code>.btn</code>	<code>.card-blockquote</code> /*new*/
<code>.alert</code>	<code>.btn-block</code>	<code>.card-columns</code> /*new*/
<code>.alert-dismissible</code>	<code>.btn-group</code>	<code>.card-danger</code> /*new*/
<code>.alert-heading</code> /*new*/	<code>.btn-group-lg</code> /*new*/	<code>.card-deck</code> /*new*/
<code>.alert-*</code> /*(danger info primary secondary success warning)*/	<code>.btn-group-sm</code> /*new*/	<code>.card-deck-wrapper</code> /*new*/
<code>.alert-link</code>	<code>.btn-group-vertical</code>	<code>.card-footer</code> /*new*/
<code>.bg-*</code> /*(danger info primary secondary success warning)*/	<code>.btn-lg</code> /*new*/	<code>.card-group</code> /*new*/
<code>.bg-faded</code> /*new*/	<code>.btn-link</code>	<code>.card-header</code> /*new*/
<code>.bg-inverse</code> /*new*/	<code>.btn-outline-*</code>	<code>.card-header-pills</code> /*new*/
<code>.blockquote</code> /*new*/	/*new (danger info primary secondary success warning)*/	<code>.card-header-tabs</code> /*new*/
<code>.blockquote-footer</code> /*new*/	<code>.btn-primary</code>	<code>.card-img</code> /*new*/
<code>.blockquote-reverse</code> /*new*/	<code>.btn-secondary</code> /*new*/	<code>.card-img-bottom</code> /*new*/
<code>.breadcrumb</code>	<code>.btn-sm</code>	<code>.card-img-overlay</code> /*new*/
<code>.breadcrumb-item</code>	<code>.btn-*</code> /*(danger info primary secondary success warning)*/	<code>.card-img-top</code> /*new*/
<code>.bs-tether-element-attached-*</code> /*new (bottom left right top)*/	<code>.btn-toolbar</code>	<code>.card-info</code> /*new*/
	<code>.card</code> /*new*/	<code>.card-inverse</code> /*new*/
	<code>.caption</code> /*new*/	<code>.card-link</code> /*new*/
	<code>.card-block</code> /*new*/	<code>.card-outline-*</code> /*new (danger info primary secondary success warning)*/

Bootstrap 4 Cheat Sheet

v4.0.0-alpha.3, 8/11/16 Page 10/13

<code>.card-primary /*new*/</code>	<code>/*new*/</code>	<code>/*new*/</code>
<code>.card-subtitle /*new*/</code>	<code>.custom-control-indicator</code>	<code>.embed-responsive-21by9</code>
<code>.card-success /*new*/</code>	<code>/*new*/</code>	<code>/*new*/</code>
<code>.card-text /*new*/</code>	<code>.custom-control-input</code>	<code>.embed-responsive-item</code>
<code>.card-title /*new*/</code>	<code>/*new*/</code>	<code>/*new*/</code>
<code>.card-warning /*new*/</code>	<code>.custom-controls-stacked</code>	<code>.fade</code>
<code>.caret</code>	<code>/*new*/</code>	<code>.figure</code>
<code>.carousel</code>	<code>.custom-file /*new*/</code>	<code>.figure-caption /*new*/</code>
<code>.carousel-caption</code>	<code>.custom-file-control /*new*/</code>	<code>.figure-img /*new*/</code>
<code>.carousel-control</code>	<code>.custom-file-input /*new*/</code>	<code>.focus /*new*/</code>
<code>.carousel-indicators</code>	<code>.custom-radio /*new*/</code>	<code>.font-italic /*new*/</code>
<code>.carousel-inner</code>	<code>.custom-select /*new*/</code>	<code>.font-weight-bold /*new*/</code>
<code>.carousel-item /*new*/</code>	<code>.custom-select-sm /*new*/</code>	<code>.font-weight-normal /*new*/</code>
<code>.checkbox</code>	<code>.d-block /*new*/</code>	<code>.form-check /*new*/</code>
<code>.checkbox-inline</code>	<code>.d-inline /*new*/</code>	<code>.form-check-inline /*new*/</code>
<code>.clearfix /*new*/</code>	<code>.d-inline-block /*new*/</code>	<code>.form-check-input /*new*/</code>
<code>.close</code>	<code>.disabled /*new*/</code>	<code>.form-check-label /*new*/</code>
<code>.col-form-label /*new*/</code>	<code>.display-* /* new (1-12)*/</code>	<code>.form-control</code>
<code>.col-form-label-lg /*new*/</code>	<code>.dropdown</code>	<code>.form-control-danger /*new*/</code>
<code>.col-form-label-sm /*new*/</code>	<code>.dropdown-backdrop</code>	<code>.form-control-feedback</code>
<code>.col-form-legend /*new*/</code>	<code>.dropdown-divider /*new*/</code>	<code>.form-control-file /*new*/</code>
<code>.col-xl-* /*new (1-12)*/</code>	<code>.dropdown-header</code>	<code>.form-control-label /*new*/</code>
<code>.col-lg-* /*(1-12)*/</code>	<code>.dropdown-item /*new*/</code>	<code>.form-control-lg /*new*/</code>
<code>.col-md-* /*(1-12)*/</code>	<code>.dropdown-menu</code>	<code>.form-control-range /*new*/</code>
<code>.col-sm-* /*(1-12)*/</code>	<code>.dropdown-menu-left</code>	<code>.form-control-sm /*new*/</code>
<code>.col-xs-* /*(1-12)*/</code>	<code>.dropdown-menu-right</code>	<code>.form-control-static</code>
<code>.collapse</code>	<code>.dropdown-toggle</code>	<code>.form-control-success</code>
<code>.collapsing</code>	<code>.dropdown-toggle-split</code>	<code>/*new*/</code>
<code>.container</code>	<code>/*new*/</code>	<code>.form-control-warning</code>
<code>.container-fluid</code>	<code>.dropup /*new*/</code>	<code>/*new*/</code>
<code>.custom-checkbox /*new*/</code>	<code>.embed-responsive</code>	<code>.form-group</code>
<code>.custom-control /*new*/</code>	<code>.embed-responsive-16by9</code>	<code>.form-inline /*new*/</code>
<code>.custom-control-description</code>	<code>.embed-responsive-4by3</code>	<code>.form-text /*new*/</code>
	<code>.embed-responsive-1by1</code>	<code>.h1</code>

Bootstrap 4 Cheat Sheet

v4.0.0-alpha.3, 8/11/16 Page 11/13

```
.h2
.h3
.h4
.h5
.h6
.has-danger /*new*/
.has-feedback
.has-warning /*new*/
.has-success /*new*/
.hidden-*-down /* new
(xsl|sm|md|lg|xl)*/
.hidden-*-up /* new
(xsl|sm|md|lg|xl)*/
.hidden-print
.icon-next
.icon-prev
.img-circle
.img-fluid /*new*/
.img-rounded
.img-thumbnail
.in
.initialism
.input-group
.input-group-addon
.input-group-btn
.input-group-lg /*new*/
.input-group-sm /*new*/
.invisible
.item
.jumbotron
.jumbotron-fluid /*new*/
.jumbotron-hr /*new*/
.lead
.left
.list-group
.list-group-flush /*new*/
.list-group-item
.list-group-item-action
/*new*/
.list-group-item-* /*(danger
|info|primary|secondary|succ
ess|warning)*/
.list-group-item-heading
.list-group-item-text
.list-inline /*new*/
.list-inline-item
.list-unstyled
.m-*-0 /* new
(t|l|r|b|l|l|x|y|a)*/
.m-*-1 /* new
(t|l|r|b|l|l|x|y|a)*/
.m-*-2 /* new
(t|l|r|b|l|l|x|y|a)*/
.m-*-3 /* new
(t|l|r|b|l|l|x|y|a)*/
.mark
.media
.media-body
.media-bottom /*new*/
.media-heading
.media-left /*new*/
.media-middle /*new*/
.media-list
.media-object
.media-right /*new*/
.modal
.modal-backdrop
.modal-body
.modal-content
.modal-dialog
.modal-footer
.modal-header
.modal-lg
.modal-open
.modal-scrollbar-measure
.modal-sm
.modal-title
.nav
.nav-inline /*new*/
.nav-item /*new*/
.nav-link /*new*/
.nav-pills /*new*/
.nav-stacked /*new*/
.nav-tabs
.navbar
.navbar-brand
.navbar-full /*new*/
.navbar-light /*new*/
.navbar-fixed-bottom
.navbar-fixed-top
.navbar-nav
.navbar-sticky-top /*new*/
.navbar-toggleable-* /*new
(md|sm|xs)*/
.navbar-toggler /*new*/
.next /*new*/
.offset-*-0 /* new
(xsl|sm|md|lg|xl)*/
.offset-*-1 /* new
(xsl|sm|md|lg|xl)*/
```

Bootstrap 4 Cheat Sheet

v4.0.0-alpha.3, 8/11/16 Page 12/13

```
.offset-*-2 /* new
(xslsmldllg|xl)*

.offset-*-3 /* new
(xslsmldllg|xl)*

.open

.p-*-0 /* new
(tlrlblll|yla)*

.page-item /*new*/

.page-link /*new*/

.pagination

.pagination-sm /*new*/

.pagination-lg /*new*/

.popover

.popover-arrow /*new*/

.popover-bottom /*new*/

.popover-content

.popover-left /*new*/

.popover-right /*new*/

.popover-title

.popover-top /*new*/

.pos-f-t /*new*/

.pre-scrollable

.prev

.progress

.progress-animated /*new*/

.progress-bar

.progress-bar-striped

.progress-striped

.progress-* /*(danger|info|primary|secondary|success|warning)*

.pull-*-* /* new
(xslsmldllg|xl)-(0-12)*

.push-*-* /* new
(xslsmldllg|xl)-(0-12)*

.radio

.radio-inline

.right

.row

.small

.sr-only /*new*/

.sr-only-focusable /*new*/

.tab-content

.tab-pane

.table

.table-active /*new*/

.table-bordered /*new*/

.table-* /*new (danger|info|primary|secondary|success|warning)*

.table-hover /*new*/

.table-inverse /*new*/

.table-reflow /*new*/

.table-responsive

.table-sm /*new*/

.table-striped /*new*/

.tag

.tag-* /*(danger|info|primary|secondary|success|warning)*

.tag-pill

.text-capitalize

.text-hide

.text-justify

.text-lg-center /*new*/

.text-lg-left /*new*/

.text-lg-right /*new*/

.text-lowercase

.text-*-center /* new
(xslsmldllg|xl)*

.text-*-left /* new
(xslsmldllg|xl)*

.text-*-right /* new
(xslsmldllg|xl)*

.text-muted

.text-nowrap

.text-* /*(danger|info|primary|secondary|success|warning)*

.text-truncate

.text-uppercase

.thead-default /*new*/

.thead-inverse /*new*/

.thumbnail

.tooltip

.tooltip-arrow

.tooltip-bottom /*new*/

.tooltip-inner

.tooltip-left /*new*/

.tooltip-right /*new*/

.tooltip-top /*new*/

.visible-print-block

.visible-print-inline

.visible-print-inline-block

.w-100 /*new*/
```

From v4 Alpha 8/9/2016

Quickly Learn Bootstrap 4

A learn by doing approach.



Build a CMS dashboard and homepage.

The goal of this ebook is to introduce you to the most used components and how to reference the official documentation. You will build two page layouts so you can quickly visualize how you start a new project from scratch.

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