

Bootstrap basics

Grid System

Bootstrap Grid System

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

If you do not want to use all 12 column 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											

```
<div class="container">
  <div class="row">
    <div class="col-sm-4">
      <h3>Column 1</h3>
      <p>Lorem ipsum dolor..</p>
    </div>
    <div class="col-sm-4">
      <h3>Column 2</h3>
      <p>Lorem ipsum dolor..</p>
    </div>
    <div class="col-sm-4">
      <h3>Column 3</h3>
      <p>Lorem ipsum dolor..</p>
    </div>
  </div>
</div>
```

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.

Tip: Each class scales up, so if you wish to set the same widths for xs and sm, you only need to specify xs.

Grid System Rules

Some Bootstrap grid system rules:

- Rows must be placed within a `.container` (fixed-width) or `.container-fluid` (full-width) for proper alignment
- Use rows to create horizontal groups of columns
- Content should be placed within columns, and only columns may be immediate children of rows
- Predefined classes like `.row` and `.col-sm-4` are available for quickly making grid layouts
- Columns create gutters (gaps between column content) via padding. That padding is offset in rows for the first and last column via negative margin on `.rows`
- Grid columns are created by specifying the number of 12 available columns you wish to span. For example, three equal columns would use three `.col-sm-4`
- Column widths are in percentage, so they are always fluid and sized relative to their parent element

Alert

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

```
<div class="alert alert-success">
  <strong>Success!</strong> Indicates a successful or positive action.
</div>

<div class="alert alert-info">
  <strong>Info!</strong> Indicates a neutral informative change or action.
</div>

<div class="alert alert-warning">
  <strong>Warning!</strong> Indicates a warning that might need attention.
</div>

<div class="alert alert-danger">
  <strong>Danger!</strong> Indicates a dangerous or potentially negative action.
</div>
```

Button

Bootstrap provides different styles of buttons:



































































































































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`

```
<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>
```

Glyphicon

Glyph	Description	✓	glyphicon glyphicon-ok	✖	glyphicon glyphicon-volume-off
✳	glyphicon glyphicon-asterisk	✖	glyphicon glyphicon-remove	🔊	glyphicon glyphicon-volume-down
+	glyphicon glyphicon-plus	🔍	glyphicon glyphicon-zoom-in	🔊)	glyphicon glyphicon-volume-up
-	glyphicon glyphicon-minus	🔍	glyphicon glyphicon-zoom-out	📠	glyphicon glyphicon-qrcode
€	glyphicon glyphicon-euro	🔌	glyphicon glyphicon-off	📊	glyphicon glyphicon-barcode
☁	glyphicon glyphicon-cloud	📶	glyphicon glyphicon-signal	⚙️	glyphicon glyphicon-tag
✉	glyphicon glyphicon-envelope	⚙️	glyphicon glyphicon-cog	🗑️	glyphicon glyphicon-tags
✎	glyphicon glyphicon-pencil	🏠	glyphicon glyphicon-trash	🏠	glyphicon glyphicon-book
🍷	glyphicon glyphicon-glass	📁	glyphicon glyphicon-home	📌	glyphicon glyphicon-bookmark
🎵	glyphicon glyphicon-music	📄	glyphicon glyphicon-file	🖨️	glyphicon glyphicon-print
🔍	glyphicon glyphicon-search	🕒	glyphicon glyphicon-time	📷	glyphicon glyphicon-camera
♥	glyphicon glyphicon-heart	🛣️	glyphicon glyphicon-road	🔤	glyphicon glyphicon-font
★	glyphicon glyphicon-star	⬇️	glyphicon glyphicon-download-alt	🔤	glyphicon glyphicon-bold
☆	glyphicon glyphicon-star-empty	⬇️	glyphicon glyphicon-download	📎	glyphicon glyphicon-italic
👤	glyphicon glyphicon-user	⬆️	glyphicon glyphicon-upload	📏	glyphicon glyphicon-text-height
🎬	glyphicon glyphicon-film	📧	glyphicon glyphicon-inbox	📏	glyphicon glyphicon-text-width
📺	glyphicon glyphicon-th-large	🎮	glyphicon glyphicon-play-circle	📏	glyphicon glyphicon-align-left
📺	glyphicon glyphicon-th	🔄	glyphicon glyphicon-repeat	📏	glyphicon glyphicon-align-center
📺	glyphicon glyphicon-th-list	🔄	glyphicon glyphicon-refresh	📏	glyphicon glyphicon-align-right
		📋	glyphicon glyphicon-list-alt	📏	glyphicon glyphicon-align-justify
		🔒	glyphicon glyphicon-lock	📋	glyphicon glyphicon-list
		🚩	glyphicon glyphicon-flag	📏	glyphicon glyphicon-indent-left
		🎧	glyphicon glyphicon-headphones		

 Menu	glyphicon glyphicon-indent-right		glyphicon glyphicon-minus-sign		glyphicon glyphicon-calendar
	glyphicon glyphicon-facetime-video		glyphicon glyphicon-remove-sign		glyphicon glyphicon-random
	glyphicon glyphicon-picture		glyphicon glyphicon-ok-sign		glyphicon glyphicon-comment
	glyphicon glyphicon-map-marker		glyphicon glyphicon-question-sign		glyphicon glyphicon-magnet
	glyphicon glyphicon-adjust		glyphicon glyphicon-info-sign		glyphicon glyphicon-chevron-up
	glyphicon glyphicon-tint		glyphicon glyphicon-screenshot		glyphicon glyphicon-chevron-down
	glyphicon glyphicon-edit		glyphicon glyphicon-remove-circle		glyphicon glyphicon-retweet
	glyphicon glyphicon-share		glyphicon glyphicon-ok-circle		glyphicon glyphicon-shopping-cart
	glyphicon glyphicon-check		glyphicon glyphicon-ban-circle		glyphicon glyphicon-folder-close
	glyphicon glyphicon-move		glyphicon glyphicon-arrow-left		glyphicon glyphicon-folder-open
	glyphicon glyphicon-step-backward		glyphicon glyphicon-arrow-right		glyphicon glyphicon-resize-vertical
	glyphicon glyphicon-fast-backward		glyphicon glyphicon-arrow-up		glyphicon glyphicon-resize-horizontal
	glyphicon glyphicon-backward		glyphicon glyphicon-arrow-down		glyphicon glyphicon-hdd
	glyphicon glyphicon-play		glyphicon glyphicon-share-alt		glyphicon glyphicon-bullhorn
	glyphicon glyphicon-pause		glyphicon glyphicon-resize-full		glyphicon glyphicon-bell
	glyphicon glyphicon-stop		glyphicon glyphicon-resize-small		glyphicon glyphicon-certificate
	glyphicon glyphicon-forward		glyphicon glyphicon-exclamation-sign		glyphicon glyphicon-thumbs-up
	glyphicon glyphicon-fast-forward		glyphicon glyphicon-gift		glyphicon glyphicon-thumbs-down
	glyphicon glyphicon-step-forward		glyphicon glyphicon-leaf		glyphicon glyphicon-hand-right
	glyphicon glyphicon-eject		glyphicon glyphicon-fire		glyphicon glyphicon-hand-left
	glyphicon glyphicon-chevron-left		glyphicon glyphicon-eye-open		glyphicon glyphicon-hand-up
	glyphicon glyphicon-chevron-right		glyphicon glyphicon-eye-close		glyphicon glyphicon-hand-down
	glyphicon glyphicon-plus-sign		glyphicon glyphicon-warning-sign		glyphicon glyphicon-circle-arrow-right
			glyphicon glyphicon-plane		glyphicon glyphicon-circle-arrow-left
	glyphicon glyphicon-globe		glyphicon glyphicon-export		glyphicon glyphicon-tree-deciduous
	glyphicon glyphicon-wrench		glyphicon glyphicon-send		glyphicon glyphicon-cd
	glyphicon glyphicon-tasks		glyphicon glyphicon-floppy-disk		glyphicon glyphicon-save-file
	glyphicon glyphicon-filter		glyphicon glyphicon-floppy-saved		glyphicon glyphicon-open-file
	glyphicon glyphicon-briefcase		glyphicon glyphicon-floppy-remove		glyphicon glyphicon-level-up
	glyphicon glyphicon-fullscreen		glyphicon glyphicon-floppy-save		glyphicon glyphicon-copy
	glyphicon glyphicon-dashboard		glyphicon glyphicon-floppy-open		glyphicon glyphicon-paste
	glyphicon glyphicon-paperclip		glyphicon glyphicon-credit-card		glyphicon glyphicon-alert
	glyphicon glyphicon-heart-empty		glyphicon glyphicon-transfer		glyphicon glyphicon-equalizer
	glyphicon glyphicon-link		glyphicon glyphicon-cutlery		glyphicon glyphicon-king
	glyphicon glyphicon-phone		glyphicon glyphicon-header		glyphicon glyphicon-queen
	glyphicon glyphicon-pushpin		glyphicon glyphicon-compressed		glyphicon glyphicon-pawn
	glyphicon glyphicon-usd		glyphicon glyphicon-earphone		glyphicon glyphicon-bishop
	glyphicon glyphicon-gbp		glyphicon glyphicon-phone-alt		glyphicon glyphicon-knight
	glyphicon glyphicon-sort		glyphicon glyphicon-tower		glyphicon glyphicon-baby-formula
	glyphicon glyphicon-sort-by-alphabet		glyphicon glyphicon-stats		glyphicon glyphicon-tent
	glyphicon glyphicon-sort-by-alphabet-alt		glyphicon glyphicon-sd-video		glyphicon glyphicon-blackboard
	glyphicon glyphicon-sort-by-order		glyphicon glyphicon-hd-video		glyphicon glyphicon-bed
	glyphicon glyphicon-sort-by-order-alt		glyphicon glyphicon-subtitles		glyphicon glyphicon-apple
	glyphicon glyphicon-sort-by-attributes		glyphicon glyphicon-sound-stereo		glyphicon glyphicon-erase
	glyphicon glyphicon-sort-by-attributes-alt		glyphicon glyphicon-sound-dolby		glyphicon glyphicon-hourglass
	glyphicon glyphicon-unchecked				glyphicon glyphicon-lamp
	glyphicon glyphicon-expand				glyphicon glyphicon-duplicate

Color

*-primary blue #007bff	*-info teal #17a2b8	*-success green #28a745
*-warning yellow #ffc107	*-danger red #dc3545	*-dark dark gray #343a40
*-secondary gray #6c757d	*-light light gray #f8f9fa	*-white white #ffffff

Normal Size

Primary style danger style warning style info style success style default style link style

Large Size Buttons

Primary style danger style warning style info style success style

Small Size

Primary style danger style warning style info style success style default style link style

Extra small Size

Primary style danger style warning style info style success style default style link style

Block level buttons

Primary style
danger style
warning style
info style
success style

Color Swatches

BLUE JEANS #5D9CEC, #4A89DC	AQUA #4FC1E9, #3BAFDA	MINT #48CFAD, #37BC9B	GRASS #A0D468, #8CC152	SUNFLOWER #FFCE54, #F68B42	BITTERSWEET #FC6E51, #E9573F
GRAPEFRUIT #ED5565, #DA4453	LAVENDER #AC92EC, #967ADC	PINK ROSE #EC87C0, #D770AD	LIGHT GRAY #F5F7FA, #E6E9ED	MEDIUM GRAY #CCD1D9, #AAB2BD	DARK GRAY #656D78, #434A54

Buttons

Normal	Default	Primary	Success
Info	Warning	Danger	Link