



Grid System

Basic Structure

Bootstrap's grid system uses a series of containers, rows, and columns to layout and align content. It's built with flexbox and is fully responsive.

- `.container` - Provides a responsive fixed width container.
- `.container-fluid` - Provides a full width container, spanning the entire width of the viewport.

Columns

<code>.col-*</code>	Applies to all breakpoints. <code>*</code> represents the number of columns (1-12).
<code>.col-sm-*</code>	Applies to small breakpoints (≥576px).
<code>.col-md-*</code>	Applies to medium breakpoints (≥768px).
<code>.col-lg-*</code>	Applies to large breakpoints (≥992px).
<code>.col-xl-*</code>	Applies to extra large breakpoints (≥1200px).
<code>.col-xxl-*</code>	Applies to larger breakpoints (≥1400px).

Example



Components

Buttons

<code>.btn</code>	Base class for all buttons.
<code>.btn-primary</code>	Primary button style.
<code>.btn-secondary</code>	Secondary button style.
<code>.btn-success</code>	Success button style.
<code>.btn-danger</code>	Danger button style.
<code>.btn-warning</code>	Warning button style.
<code>.btn-info</code>	Info button style.
<code>.btn-light</code>	Light button style.
<code>.btn-dark</code>	Dark button style.
<code>.btn-link</code>	Link button style.
<code>.btn-outline-*</code>	Outline button styles (e.g., <code>.btn-outline-primary</code>).
<code>.btn-lg</code> , <code>.btn-sm</code>	Large and small button sizes.

Navbars

<code>.navbar</code>	Base class for navbars.
<code>.navbar-expand{-sm -md -lg -xl -xxl}</code>	For responsive behavior.
<code>.navbar-light</code>	Light text color for use with light background colors
<code>.navbar-dark</code>	Dark text color for use with dark background colors
<code>.bg-light</code> , <code>.bg-dark</code> , <code>.bg-primary</code>	Background colors.

Utilities

Spacing

<code>m-*</code>	Margins (e.g., <code>mt-3</code> for margin-top).
<code>p-*</code>	Padding (e.g., <code>pt-3</code> for padding-top).
<code>*-auto</code>	Auto margins (e.g., <code>mx-auto</code> for horizontal auto margins).
<code>{property}{sides}-{size}</code>	Where property is <code>m</code> for margin, <code>p</code> for padding; sides is <code>t</code> (top), <code>b</code> (bottom), <code>l</code> (left), <code>r</code> (right), <code>x</code> (left and right), <code>y</code> (top and bottom), or blank for all 4 sides; size is a number (0-5) or <code>auto</code> .

Text

<code>.text-left</code>	Left-aligns text.
<code>.text-center</code>	Center-aligns text.
<code>.text-right</code>	Right-aligns text.
<code>.text-justify</code>	Justifies text.
<code>.text-lowercase</code>	Transforms text to lowercase.
<code>.text-uppercase</code>	Transforms text to uppercase.
<code>.text-capitalize</code>	Capitalizes text.
<code>.font-weight-bold</code>	Bold Text.

Forms

Form Controls

<code>.form-control</code>	Basic styling for form inputs, textareas, and selects.
<code>.form-label</code>	For form labels.
<code>.form-text</code>	For help text below form controls.
<code>.form-select</code>	To style select menus.

Form Layout

<code>.row</code>	Use with <code>.col-*</code> classes to create horizontal forms.
<code>.form-group</code> (deprecated)	While still functional, consider using the grid system or utilities for more flexible layouts.