

Bootstrap 5.3 Complete Learning Guide

Comprehensive Examples and Documentation

This document contains a complete collection of Bootstrap 5.3 components, utilities, and examples.

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Complete Bootstrap 5.3 CSS Examples

Source: *index.html*

Bootstrap 5.3 Complete Guide

Comprehensive examples of all Bootstrap CSS components and utilities

Get Started

Layout System Container Types

`.container` - Responsive fixed-width container

`.container-sm` - 100% wide until small breakpoint

`.container-md` - 100% wide until medium breakpoint

`.container-lg` - 100% wide until large breakpoint

`.container-fluid` - 100% wide at all breakpoints

CSS Classes Used:

`.container`

`.container-sm`

`.container-md`

`.container-lg`

`.container-xl`

`.container-xxl`

`.container-fluid`

Grid System

col

col

col

col-md-4

col-md-8

col-sm-6 col-lg-3

col-sm-6 col-lg-9

CSS Classes Used:

`.container-fluid`

`.row`

`.col`

`.col-md-4`

`.col-md-8`

`.col-sm-6`

`.col-lg-3`

`.col-lg-9`

Flexbox Utilities

Item 1

Item 2

Item 3

Centered Content

Flex Column 1

Flex Column 2

CSS Classes Used:

`.d-flex`

`.justify-content-between`

`.justify-content-center`

`.align-items-center`

`.flex-column`

`.bg-primary`

`.bg-secondary`

`.text-white`

`.rounded`

Typography

Headings

Display 1

Display 2

Heading 3

Heading 4 Muted

This is a lead paragraph with emphasis.

Success text with bold weight

CSS Classes Used:

`.display-1`
`.display-2`
`.h3`
`.h4`
`.text-muted`
`.lead`
`.text-success`
`.fw-bold`

Text Utilities

Left aligned text

Center aligned text

Right aligned text

UPPERCASE TEXT

lowercase text

Capitalize Each Word

CSS Classes Used:

`.text-start`
`.text-center`
`.text-end`
`.text-uppercase`
`.text-lowercase`
`.text-capitalize`

Buttons

Button Styles



CSS Classes Used:

`.btn`
`.btn-primary`
`.btn-secondary`
`.btn-success`
`.btn-danger`
`.btn-warning`
`.btn-info`
`.btn-light`
`.btn-dark`

Button Sizes



CSS Classes Used:

`.btn-lg`
`.btn` (default size)
`.btn-sm`

Button Groups

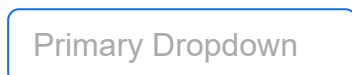


CSS Classes Used:

`.btn-group`
`.btn-outline-primary`

Dropdowns

Dropdown Variations



Dropend ▶

CSS Classes Used:

`.dropdown`
`.dropdown-toggle`
`.dropdown-menu`
`.dropdown-item`
`.dropdown-divider`
`.btn-group`
`.dropup`
`.dropend`
`.dropstart`

List Groups

List Group Variations

Basic List Group

An item
A second item
A third item
A fourth item
And a fifth one

Active & Disabled Items

Active item
Regular item
Another item
Disabled item

Flush List Group

An item

A second item

A third item

A fourth item

Colored List Items

Primary item

Success item

Warning item

Danger item

CSS Classes Used:

```
.list-group
.list-group-item
.list-group-flush
.active
.disabled
.list-group-item-primary
.list-group-item-success
.list-group-item-warning
.list-group-item-danger
```

Navigation

Navigation Variations

Basic Nav

Active Link Link Disabled

Nav Pills

Active [Link](#) [Link](#) Disabled

Nav Tabs

Active [Link](#) [Link](#) Disabled

CSS Classes Used:

`.nav`
`.nav-item`
`.nav-link`
`.nav-pills`
`.nav-tabs`
`.active`
`.disabled`
`aria-current="page"`
`aria-disabled="true"`

Breadcrumb

Breadcrumb Navigation

[Home](#) / [Library](#) / Data

[Home](#) / Library

Home

CSS Classes Used:

`.breadcrumb`
`.breadcrumb-item`
`.active`
`aria-label="breadcrumb"`
`aria-current="page"`

Alerts

Alert Variations

Primary Alert: This is a primary alert with [an example link](#).

Success Alert: Your action was completed successfully!

⚠ Warning: Please check your input.

Error!

Something went wrong. Please try again.

Contact support if the problem persists.

CSS Classes Used:

`.alert`
`.alert-primary`
`.alert-success`
`.alert-warning`
`.alert-danger`
`.alert-dismissible`
`.fade`
`.show`
`.btn-close`
`.alert-link`
`.alert-heading`

Accordion

Basic Accordion

Accordion Item #1

This is the first item's accordion body. It is shown by default, until the collapse plugin adds the appropriate classes that we use to style each element.

Accordion Item #2

CSS Classes Used:

`.accordion`
`.accordion-item`
`.accordion-header`
`.accordion-button`
`.accordion-collapse`
`.accordion-body`
`.collapse`
`.show`
`.collapsed`

Carousel

Carousel with Indicators

First Slide



CSS Classes Used:

`.carousel`
`.slide`
`.carousel-indicators`
`.carousel-inner`
`.carousel-item`
`.active`
`.carousel-control-prev`
`.carousel-control-next`
`.visually-hidden`

Cards

Card Layouts

Featured

Special title treatment

With supporting text below as a natural lead-in to additional content.

Go somewhere

Dark card

Some quick example text to build on the card title.

[Learn more](#)

CSS Classes Used:

`.card`
`.card-header`
`.card-body`
`.card-title`
`.card-text`
`.text-bg-dark`
`.btn-outline-light`

Modals

Modal Example

[Launch demo modal](#)

CSS Classes Used:

`.modal`
`.fade`
`.modal-dialog`
`.modal-content`
`.modal-header`
`.modal-title`
`.modal-body`
`.modal-footer`
`.btn-close`

Forms

Form Controls

Email address

We'll never share your email with anyone else.

Password

Example select

Example textarea

☐ Check me out

CSS Classes Used:

.form-label
.form-control
.form-text
.form-select
.form-check
.form-check-input
.form-check-label
.mb-3

Input Groups

@	<input type="text" value="Username"/>
---	---------------------------------------

<input type="text" value="Recipient's username"/>	<input type="text" value="@example.com"/>
---	---

\$	<input type="text" value="Amount"/>	<input type="text" value=".00"/>
----	-------------------------------------	----------------------------------

CSS Classes Used:

.input-group
.input-group-text
.form-control

Tables

Table Variations

#	First	Last	Handle
1	Mark	Otto	@mdo
2	Jacob	Thornton	@fat
3	Larry	Bird	@twitter

CSS Classes Used:

`.table`
`.table-striped`
`.table-hover`
`.table-dark`
`.table-success`

Utility Classes

Spacing Utilities

Padding: p-3

Padding X & Y: px-4 py-2

Margin: m-3

Margin Top & Bottom: mt-4 mb-2

CSS Classes Used:

`.p-3 (padding: 1rem)`
`.px-4 (padding-x: 1.5rem)`
`.py-2 (padding-y: 0.5rem)`
`.m-3 (margin: 1rem)`

.mt-4 (margin-top: 1.5rem)
.mb-2 (margin-bottom: 0.5rem)

Color Utilities

Background Primary

Background Success

Background Warning

Background Danger

Text Primary

Text Success

Text Warning

Text Danger

CSS Classes Used:

.bg-primary
.bg-success
.bg-warning
.bg-danger
.text-white
.text-dark
.text-primary
.text-success
.text-warning
.text-danger

Display & Position Utilities

Flex Item 1

Flex Item 2

Absolute

Relative Container

CSS Classes Used:

`.d-flex`
`.justify-content-around`
`.align-items-center`
`.position-relative`
`.position-absolute`
`.top-0`
`.start-0`
`.text-center`

Borders & Shadows

Primary Border

Thick Success Border

Rounded Corners

Box Shadow

CSS Classes Used:

`.border`
`.border-primary`
`.border-success`
`.border-3`
`.rounded`
`.shadow`

Responsive Design

Visible only on Small screens

CSS Classes Used:

`.d-block`
`.d-none`
`.d-sm-block`
`.d-sm-none`
`.d-md-block`
`.d-md-none`
`.d-lg-block`
`.d-lg-none`
`.d-xl-block`

Visibility & Overflow

Visibility

Visible element

Screen Reader Only

Regular visible text

Overflow

This is a long content that will overflow and create scrollbars when needed. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.

CSS Classes Used:

`.visible`
`.invisible`
`.visually-hidden`
`.overflow-auto`
`.overflow-hidden`
`.overflow-scroll`
`.overflow-visible`

Additional Components

Badges

Example heading **New**

Primary Success **Warning** Danger Pill Badge

CSS Classes Used:

.badge
.bg-secondary
.text-bg-primary
.text-bg-success
.text-bg-warning
.text-bg-danger
.rounded-pill
.text-bg-info

Progress Bars

25%

50%

75%

CSS Classes Used:

.progress
.progress-bar
.bg-success
.progress-bar-striped
.progress-bar-animated

Spinners



CSS Classes Used:

.spinner-border
.spinner-grow
.text-primary
.text-success
.text-warning



`.text-danger`

`.visually-hidden`

Bootstrap 5.3 Layout System - Complete Guide

Source: *layout.html*

Bootstrap 5.3 Layout System

Comprehensive guide to all Bootstrap layout features
with live examples

Explore Layout Features

Breakpoints

Bootstrap Responsive Breakpoints

Breakpoint	Class infix	Dimensions
Extra small	<i>xs</i>	<576px
Small	<i>sm</i>	≥576px
Medium	<i>md</i>	≥768px

Breakpoint	Class infix	Dimensions
Large	lg	≥992px
Extra large	xl	≥1200px
Extra extra large	xxl	≥1400px

Responsive Display Example

SM: Visible only on small screens

CSS Classes Used:

```
/* Responsive Display Classes */
.d-block
.d-none
.d-sm-block
.d-sm-none
.d-md-block
.d-md-none
.d-lg-block
.d-lg-none
.d-xl-block
.d-xxl-block
```

Containers

Container Types and Behavior

Fixed-width Container

`.container` - Responsive fixed-width container
Max-width changes at each breakpoint

Responsive Containers

`.container-sm` - 100% wide until small breakpoint (≥576px)

`.container-md` - 100% wide until medium breakpoint (≥768px)

`.container-lg` - 100% wide until large breakpoint (≥992px)

Fluid Container

`.container-fluid` - 100% wide at all breakpoints

CSS Classes Used:

```
/* Container Classes */  
  
.container  
.container-sm  
.container-md  
.container-lg  
.container-xl  
.container-xxl  
.container-fluid  
  
/* Container Max-widths */  
/* sm: 540px */  
/* md: 720px */  
/* lg: 960px */  
/* xl: 1140px */  
/* xxl: 1320px */
```

Grid System

12-Column Grid System

Equal Width Columns

`.col` `.col` `.col`

Specific Column Widths

`.col-3` `.col-6` `.col-3`

Responsive Grid

```
.col-12 .col-md-4  
.col-12 .col-md-8
```

Auto-layout Columns

```
.col (auto)          .col-auto (fit content)  .col (auto)
```

CSS Classes Used:

```
/* Grid System */  
.container  
.container-fluid  
.row  
.col  
.col-auto  
.col-1 to .col-12  
.col-sm-1 to .col-sm-12  
.col-md-1 to .col-md-12  
.col-lg-1 to .col-lg-12  
.col-xl-1 to .col-xl-12  
.col-xxl-1 to .col-xxl-12
```

Columns

Column Alignment and Ordering

Vertical Alignment

```
.align-items-start  
.align-items-center  
.align-items-end
```

Horizontal Alignment

```
.justify-content-start  
                .justify-content-  
                center
```


.justify-content-end

Column Ordering

Second (order-1)

Third (order-2)

First (order-3)

CSS Classes Used:

/* Vertical Alignment */

.align-items-start

.align-items-center

.align-items-end

.align-items-stretch

.align-self-start

.align-self-center

.align-self-end

/* Horizontal Alignment */

.justify-content-start

.justify-content-center

.justify-content-end

.justify-content-around

.justify-content-between

.justify-content-evenly

/* Column Ordering */

.order-1 to .order-5

.order-first

.order-last

Gutters

Grid Gutters and Spacing

Default Gutters

Default gutter

Default gutter

Default gutter

No Gutters

No gutters (.g-0)

No gutters (.g-0)

No gutters (.g-0)

Custom Gutter Sizes

Small gutter (.g-1)

Small gutter (.g-1)

Large gutter (.g-5)

Large gutter (.g-5)

Horizontal and Vertical Gutters

Horizontal: 5, Vertical: 2

(.gx-5 .gy-2)

Horizontal: 5, Vertical: 2

(.gx-5 .gy-2)

CSS Classes Used:

```
/* All Gutters */
```

```
.g-0 (no gutters)
```

```
.g-1 (0.25rem)
```

```
.g-2 (0.5rem)
```

```
.g-3 (1rem - default)
```

```
.g-4 (1.5rem)
```

```
.g-5 (3rem)
```

```
/* Horizontal Gutters */
```

```
.gx-0 to .gx-5
```

```
/* Vertical Gutters */
```

```
.gy-0 to .gy-5
```

```
/* Responsive Gutters */
```

```
.g-sm-*, .g-md-*
```

```
.g-lg-*, .g-xl-*
```

```
.g-xxl-*
```

Layout Utilities

Display, Position, and Flexbox Utilities

Display Utilities

`.d-block`

`.d-inline`

`.d-inline`

`.d-flex with`

`.flex-fill children`

Position Utilities

`.bottom-0 .start-50 .translate-`

`.position-absolute`

`middle-x`

`.top-0 .end-0`

Flexbox Utilities

Item 1

Item 2

Item 3

Flex grow

Normal

Flex shrink

CSS Classes Used:

```
/* Display */
.d-none, .d-block
.d-inline, .d-inline-block
.d-flex, .d-grid
.d-table, .d-table-cell
```

```
/* Position */
.position-static
.position-relative
.position-absolute
.position-fixed
.position-sticky
.top-0, .bottom-0
.start-0, .end-0
```

`.translate-middle`

```
/* Flexbox */
.d-flex
.flex-row, .flex-column
.flex-wrap, .flex-nowrap
.justify-content-*
.align-items-*
.flex-fill, .flex-grow-1
.flex-shrink-1
```

Z-index

Z-index Stacking Order

Z-index Demonstration

Hover over the boxes to see z-index stacking in action:

z-1
z-2
z-3
1030
1020
1010

Bootstrap Z-index Scale

Component	Z-index Value	Usage
Dropdown	1000	Dropdown menus
Sticky	1020	Sticky positioned elements
Fixed	1030	Fixed positioned elements
Modal backdrop	1040	Modal backdrop
Offcanvas	1045	Offcanvas component

Component	Z-index Value	Usage
Modal	1050	Modal dialogs
Popover	1070	Popover components
Tooltip	1080	Tooltip components

CSS Properties Used:

```
/* CSS Z-index Property */
z-index: 1;
z-index: 1000;
z-index: 1020;
z-index: 1030;
z-index: 1040;
z-index: 1050;

/* Position Required */
position: relative;
position: absolute;
position: fixed;
position: sticky;

/* Bootstrap Variables */
$zindex-dropdown: 1000;
$zindex-sticky: 1020;
$zindex-fixed: 1030;
$zindex-modal-backdrop: 1040;
$zindex-modal: 1050;
$zindex-popover: 1070;
$zindex-tooltip: 1080;
```

CSS Grid

CSS Grid Layout with Bootstrap

Basic CSS Grid

Grid Item 1

Grid Item 2

Grid Item 3

Grid Item 4

Grid Item 5

Grid Item 6

Grid with Different Sizes

Large Column (2fr)

Small (1fr)

Small (1fr)

Spans 2 columns

Normal

Bootstrap + CSS Grid

A

B

C

D

Sidebar

Header

Nav

Main Content

Footer

CSS Properties Used:

```
/* CSS Grid Container */  
display: grid;  
grid-template-columns: repeat(3, 1fr);  
grid-template-rows: auto;  
gap: 1rem;
```

```
/* Grid Item Properties */  
grid-column: span 2;  
grid-row: span 3;  
grid-area: 1 / 1 / 3 / 2;
```

```
/* Fractional Units */
1fr (1 fraction)
2fr (2 fractions)
minmax(200px, 1fr)

/* Bootstrap + CSS Grid */
.d-grid

/* Combine with Bootstrap */
/* columns for responsive */
/* grid layouts */
```

Bootstrap 5.3 Components - Complete Guide

Source: components.html

Bootstrap 5.3 Components

Complete collection of Bootstrap components with
live examples

Explore Components

Accordion

Accordion with Multiple Items

 Configuration Settings

Configure your application settings here.

☒ Enable notifications

☐ Dark mode

 User Profile

 Security Settings

CSS Classes Used:

`.accordion`

`.accordion-item`

`.accordion-header`

`.accordion-button`

`.accordion-collapse`

`.accordion-body`

`.collapse`

`.show`

`.collapsed`

Alerts

Alert Variations with Icons

 **Info:** This is a primary alert with [an example link](#).



Well done!

Your operation was completed successfully. You can now proceed to the next step.

Remember to save your changes before leaving this page.

 **Warning:** Please check your input before submitting.

⊗ **Error:** Something went wrong. Please try again.

💡 **Tip:** You can customize alerts with additional content and styling.

CSS Classes Used:

```
.alert
.alert-primary
.alert-success
.alert-warning
.alert-danger
.alert-light
.alert-dismissible
.fade
.show
.btn-close
.alert-link
.alert-heading
```

Badge

Badge Examples

Headings with badges

Example heading **New**

Example heading **Hot**

Example heading **Updated**

Button with badge

Notifications **4**

Messages **99+**

Positioned badges

Inbox

Pill badges

Primary Success **Warning** Danger Info

CSS Classes Used:

```
.badge
.bg-primary
.bg-secondary
.bg-success
.text-bg-light
.text-bg-danger
.position-relative
.position-absolute
.top-0
.start-100
.translate-middle
.rounded-pill
.visually-hidden
```

Breadcrumb

Breadcrumb Navigation

[Home](#) / [Library](#) / Data

[Products](#) / [Electronics](#) / [Computers](#) / Laptops

[Dashboard](#) / [Users](#) / [Profile](#) / Settings

CSS Classes Used:

```
.breadcrumb
.breadcrumb-item
.active
aria-label="breadcrumb"
aria-current="page"
.bg-light
```

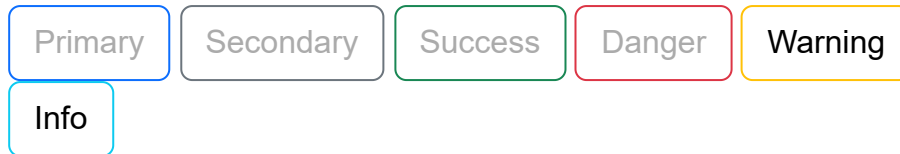
.p-3

.rounded

Buttons

Button Styles and States

Solid buttons



Outline buttons



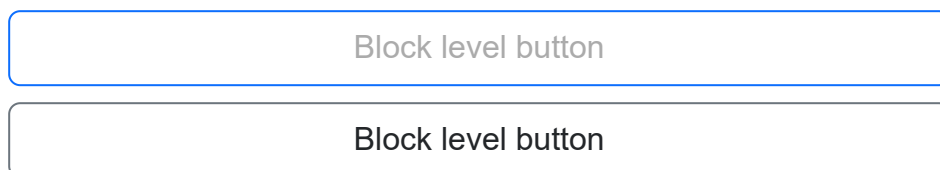
Button sizes



Button states



Block buttons



CSS Classes Used:

.btn

.btn-primary

.btn-secondary

.btn-success

.btn-danger

.btn-warning

.btn-info

.btn-outline-*

.btn-lg

`.btn-sm`

`.active`

`disabled`

`.d-grid`

`.gap-2`

Button Group

Button Group Variations

Basic button group



Mixed styles



Button toolbar



Vertical button group



CSS Classes Used:

`.btn-group`

`.btn-toolbar`

`.btn-group-vertical`

`role="group"`

`role="toolbar"`

`aria-label`

`.me-2`

Cards

Card Layouts and Features

☆ Featured

Special title treatment

With supporting text below as a natural lead-in to additional content.

Go somewhere

Dark Card

Dark card title

Some quick example text to build on the card title and make up the bulk of the card's content.

Learn more

Success Header

Success card title

Some quick example text to build on the card title and make up the bulk of the card's content.

Last updated 3 mins ago

Card with list group

Some quick example text.

An item

A second item

A third item

[Card link](#) [Another link](#)

CSS Classes Used:

.card
.card-header
.card-body
.card-footer
.card-title
.card-text
.card-link
.text-bg-dark
.border-success
.bg-transparent
.list-group-flush

Carousel

Carousel with Captions

CSS Classes Used:

.carousel
.slide
.carousel-indicators
.carousel-inner
.carousel-item
.carousel-caption
.carousel-control-prev
.carousel-control-next
.carousel-control-prev-icon
.carousel-control-next-icon
.visually-hidden

Close Button

Close Button Examples

Default close button

Disabled close button

Dark variant



In alerts

Warning! This alert can be dismissed.

Info: Another dismissible alert.

CSS Classes Used:

```
.btn-close  
.btn-close-white  
disabled  
aria-label="Close"
```

Collapse

Collapse Examples

Button collapse

Toggle collapse content

Link collapse

[Link with href](#)

Multiple targets

Toggle both elements

CSS Classes Used:

.collapse

aria-expanded

aria-controls

.multi-collapse

.card-body

Dropdowns

Dropdown Variations

⚙️ Dropdown button

Action

Dropup ▲

Auto close behavior ▼

CSS Classes Used:

.dropdown

.dropup

.dropdown-toggle

.dropdown-menu

.dropdown-item

.dropdown-divider

.dropdown-toggle-split

.btn-group

.active

.disabled

List Group

List Group Variations

Basic list group

✓ Completed task

🕒 Pending task

! Urgent task

⊗ Disabled task

Actionable items

List group item heading

3 days ago

Some placeholder content in a paragraph.

And some small print.

List group item heading

3 days ago

Some placeholder content in a paragraph.

And some muted small print.

Colored items

Primary item

Success item

Warning item

Danger item

Info item

With badges

Inbox

14

Sent

2

Drafts

1

CSS Classes Used:

```
.list-group
.list-group-item
.list-group-item-action
.list-group-item-primary
.list-group-item-success
.list-group-item-warning
.list-group-item-danger
.list-group-item-info
.active
.disabled
.d-flex
.justify-content-between
.align-items-center
```

Modal

Modal Examples

⊕ Launch demo modal

Static backdrop modal

Scrollable modal

CSS Classes Used:

```
.modal
.fade
.modal-dialog
.modal-dialog-scrollable
.modal-content
.modal-header
.modal-title
.modal-body
.modal-footer
.btn-close
```

Navbar

Navbar Examples

Basic navbar

Dark navbar

Colored navbar

CSS Classes Used:

`.navbar`
`.navbar-expand-lg`
`.navbar-dark`
`.navbar-light`
`.bg-light`
`.bg-dark`
`.navbar-brand`
`.navbar-toggler`
`.navbar-toggler-icon`
`.navbar-collapse`
`.navbar-nav`
`.nav-item`
`.nav-link`
`.active`
`.me-auto`
`.d-flex`

Navs & Tabs

Navigation Components

Basic nav

[Active](#) [Link](#) [Link](#) Disabled

Nav pills

[Active](#) [Link](#) [Link](#) Disabled

Nav tabs with content

[🏠 Home](#) [👤 Profile](#) [✉ Contact](#)

Home Content

This is the home tab content. You can put any content here including forms, images, and other components.

CSS Classes Used:

```
.nav
.nav-item
.nav-link
.nav-pills
.nav-tabs
.tab-content
.tab-pane
.fade
.show
.active
.disabled
```

```
role="tab"
role="tablist"
aria-controls
aria-selected
```

Offcanvas

Offcanvas Examples

☰ Toggle left offcanvas

Toggle top offcanvas

Toggle right offcanvas

CSS Classes Used:

```
.offcanvas
.offcanvas-start
.offcanvas-end
.offcanvas-top
.offcanvas-bottom
```

`.offcanvas-header`

`.offcanvas-title`

`.offcanvas-body`

`.btn-close`

Pagination

Pagination Examples

Basic pagination



Large pagination



Small pagination



Pagination alignment



CSS Classes Used:

`.pagination`

`.pagination-lg`

`.pagination-sm`

`.page-item`

`.page-link`

`.active`

`.disabled`

`.justify-content-center`

`.justify-content-end`

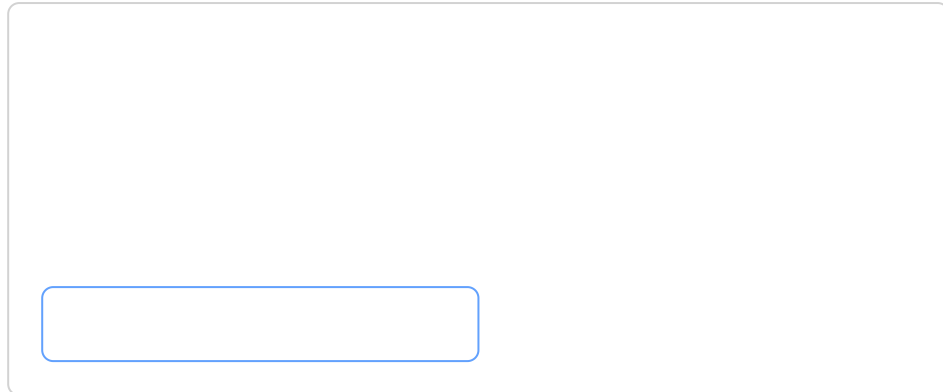
`aria-label`

`aria-hidden="true"`

Placeholders

Placeholder Examples

Card with placeholders



Placeholder sizes

Placeholder colors

Placeholder animation

CSS Classes Used:

`.placeholder`
`.placeholder-glow`
`.placeholder-wave`
`.placeholder-lg`
`.placeholder-sm`
`.placeholder-xs`
`.col-6`
`.col-7`
`.col-12`
`.bg-primary`
`.bg-secondary`
`.disabled`
`aria-disabled="true"`

Popovers

Popover Examples

Popover directions

Click to toggle popover

Popover on top

Popover on right

Popover on bottom

Popover on left

Dismissible popover

Dismissible popover

Popover with HTML

Popover with HTML

CSS Classes Used:


```
tabindex="0"
```

```
role="button"
```

Progress

Progress Bar Examples

Basic progress bars

Progress bar with label

25%

Colored progress bars

Striped progress bars

Multiple progress bars

CSS Classes Used:

```
.progress
```

```
.progress-bar
```

```
.progress-bar-striped
```

```
.progress-bar-animated
```

```
.bg-success
```

```
.bg-info
.bg-warning
.bg-danger
role="progressbar"
aria-label
aria-valuenow
aria-valuemin
aria-valuemax
```

Scrollspy

Scrollspy Example

Item 1

Item 1-1

Item 1-2

Item 2

Item 3

Item 3-1

Item 3-2

Item 1

This is some placeholder content for the scrollspy page. Note that as you scroll down the page, the appropriate navigation link is highlighted. It's repeated throughout the component example. We keep adding some more example copy here to emphasize the scrolling and highlighting.

Item 1-1

This is some placeholder content for the scrollspy page. Note that as you scroll down the page, the appropriate navigation link is highlighted.

Item 1-2

This is some placeholder content for the scrollspy page. Note that as you scroll down the page, the appropriate navigation link is highlighted.

Item 2

This is some placeholder content for the scrollspy page. Note that as you scroll down the page, the appropriate navigation link is highlighted.

Item 3

This is some placeholder content for the scrollspy page. Note that as you scroll down the page, the appropriate navigation link is highlighted.

Item 3-1

This is some placeholder content for the scrollspy page. Note that as you scroll down the page, the appropriate navigation link is highlighted.

Item 3-2

This is some placeholder content for the scrollspy page. Note that as you scroll down the page, the appropriate navigation link is highlighted.

CSS Classes Used:

```
.nav  
.nav-pills  
.nav-link  
.flex-column  
.align-items-stretch  
.border-end  
.ms-3  
.my-1  
tabindex="0"
```

Spinners

Spinner Examples

Border spinners



Growing spinners



Spinner sizes



Spinners in buttons



CSS Classes Used:

```
.spinner-border
.spinner-grow
.spinner-border-sm
.spinner-grow-sm
.text-primary
.text-secondary
.text-success
.text-danger
.text-warning
.text-info
.visually-hidden
role="status"
aria-hidden="true"
disabled
```

Toasts

Toast Examples

Basic toast

 **Bootstrap**

11 mins ago

Hello, world! This is a toast message.

Colored toasts

Hello, world! This is a primary toast message.



Hello, world! This is a success toast message.



Hello, world! This is a danger toast message.



Interactive toast

Show live toast

CSS Classes Used:

```
.toast
.toast-container
.toast-header
.toast-body
.show
.align-items-center
.text-bg-primary
.text-bg-success
.text-bg-danger
.border-0
.btn-close
.btn-close-white
.position-fixed
.bottom-0
.end-0
role="alert"
aria-live="assertive"
aria-atomic="true"
```

Tooltips

Tooltip Examples

Tooltip directions

Tooltip on top

Tooltip on right

Tooltip on bottom

Tooltip on left

Tooltip with HTML

Tooltip with HTML

Disabled button with tooltip

Disabled button

Custom tooltip

Custom tooltip

Links with tooltips

Placeholder text to demonstrate some [inline links](#) with tooltips.
This is now just filler, no killer. Content placed here just to mimic
the presence of [real text](#). And all that just to give you an idea of
how tooltips would look when used in real-world situations.

CSS Classes Used:

disabled



Bootstrap 5.3 Content - Complete Guide

Source: content.html

Bootstrap 5.3 Content

Typography, images, tables, and content styling
with Bootstrap

[Explore Content](#)

Reboot

Bootstrap's CSS Reset and Normalization

What is Reboot?

Reboot is Bootstrap's CSS reset that builds upon Normalize.css, providing elegant defaults for HTML elements without classes.

Default Typography

This paragraph demonstrates the default typography styling provided by Bootstrap's Reboot. No additional classes needed!

Box-sizing

All elements have `box-sizing: border-box` applied by default.

Default Margins

Margins are reset for most elements. This paragraph has consistent spacing.

Another paragraph to show the default margin behavior.

Form Elements

Example Input

Example Select

Lists

- Unordered list item 1
- Unordered list item 2
- Unordered list item 3

1. Ordered list item 1
2. Ordered list item 2
3. Ordered list item 3

Key Reboot Features:

- `Box-sizing: border-box`
- `Margin resets`
- `Font stack normalization`
- `Form element consistency`
- `Typography defaults`

- Table border collapse
- Button appearance reset
- SVG overflow hidden
- iOS date input fix
- Summary cursor pointer

Typography

Headings, Text, and Typography Utilities

Headings

h1. Bootstrap heading

h2. Bootstrap heading

h3. Bootstrap heading

h4. Bootstrap heading

h5. Bootstrap heading

h6. Bootstrap heading

Display Headings

Display 1

Display 2

Display 3

Display 4

Display 5

Display 6

Lead Text

This is a lead paragraph. It stands out from regular paragraphs.

Inline Text Elements

You can use the mark tag to highlight text.

~~This line of text is meant to be treated as deleted text.~~

~~This line of text is meant to be treated as no longer accurate.~~

This line of text is meant to be treated as an addition to the document.

This line of text will render as underlined.

This line of text is meant to be treated as fine print.

This line rendered as bold text.

This line rendered as italicized text.

Text Utilities

Start aligned text on all viewport sizes.

Center aligned text on all viewport sizes.

End aligned text on all viewport sizes.

Text Colors

`.text-primary`

`.text-secondary`

`.text-success`

`.text-danger`

`.text-warning`

`.text-info`

Font Weight and Style

Bold text.

Bolder weight text (relative to the parent element).

Semibold weight text.

Medium weight text.

Normal weight text.

Light weight text.

Lighter weight text (relative to the parent element).

Italic text.

Text with normal font style

CSS Classes Used:

`.display-1` to `.display-6`

`.lead`

`.text-start`

`.text-center`

`.text-end`

`.text-primary`

`.text-secondary`

`.text-success`

`.text-danger`

`.text-warning`

`.text-info`

`.fw-bold`

`.fw-bolder`

`.fw-semibold`

`.fw-medium`

`.fw-normal`

`.fw-light`

`.fw-lighter`

`.fst-italic`

`.fst-normal`

`<mark>`

``

`<s>`

`<ins>`

`<u>`

`<small>`

``

``

Images

Responsive Images and Image Utilities

Responsive Images

Responsive image using `.img-fluid` class

Image Thumbnails

Image with `.img-thumbnail`

Thumbnail with border

Rounded thumbnail

Rounded Images

`.rounded`

`.rounded-circle`

`.rounded-pill`

Image Alignment

This image floats to the left using `.float-start` class. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed do

eiusmod tempor incididunt ut labore et dolore magna aliqua. This image floats to the right using .float-end class. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.

Centered image using .mx-auto .d-block

CSS Classes Used:

.img-fluid
.img-thumbnail
.rounded
.rounded-circle
.rounded-pill
.float-start
.float-end
.mx-auto
.d-block
.clearfix
.text-center

Key Features:

- Responsive scaling
- Thumbnail borders
- Border radius options
- Float alignment
- Center alignment
- Max-width: 100%
- Height: auto

Tables

Table Styles and Variations

Basic Table

#	First	Last	Handle
1	Mark	Otto	@mdo

#	First	Last	Handle
2	Jacob	Thornton	@fat
3	Larry	the Bird	@twitter

Dark Table

#	Product	Category	Price
1	Laptop	Electronics	\$999
2	Phone	Electronics	\$699

Striped Table

Task	Status	Assignee	Due Date
Design Homepage	Complete	Alice	2025-07-20
Code Review	In Progress	Bob	2025-07-22
Testing	Pending	Charlie	2025-07-25

Hoverable Table

Name	Department	Salary	Actions
John Doe	Engineering	\$85,000	<button>Edit</button> <button>Delete</button>
Jane Smith	Marketing	\$70,000	<button>Edit</button> <button>Delete</button>

Responsive Table

ID	Product Name	Description	Category	Price	Sto
001	MacBook Pro	High-performance laptop for professionals	Computers	\$2,399	25
002	iPhone 15	Latest smartphone with advanced features	Mobile	\$899	50

CSS Classes Used:

.table
.table-dark
.table-striped
.table-hover
.table-bordered
.table-borderless
.table-sm
.table-responsive
.table-primary
.table-secondary
.table-success
.table-danger
.table-warning
.table-info
.table-light
scope="col"
scope="row"

Table Features:

- Responsive overflow
- Striped rows

- Hover effects
- Border control
- Color variants
- Compact sizing
- Accessibility support

Figures

Figure Elements with Captions

Basic Figure

A caption for the above image.

Figure with Right-aligned Caption

A caption aligned to the right.

Multiple Figures

Chart showing sales data for Q1 2025.

Performance metrics dashboard overview.

Figure with Styled Caption

Figure 1: This is a more detailed caption that explains the content of the image above. It can contain *emphasis* and other inline elements.

Responsive Figure

A full-width responsive figure that adapts to the container size. Perfect for charts, graphs, and wide content.

CSS Classes Used:

`.figure`
`.figure-caption`
`.text-end`
`.text-center`
`.w-100`



```
<figure>
```

```
<figcaption>
```

```
<strong>
```

```
<em>
```

Figure Features:

- Semantic HTML
- Caption styling
- Text alignment
- Responsive sizing
- Accessibility support
- Clean presentation
- Easy customization



Bootstrap 5.3 Forms - Complete Guide

Source: forms.html

Bootstrap 5.3 Forms

Complete form components, validation, and
layout examples

[Explore Forms](#)

Form Control

Basic Form Controls

Email address

Message

Enter your message here...

Readonly input

This is readonly text

Disabled input

Disabled input

Multiple files

Choose Files

No file chosen

Form Control Sizing

Large input

Default input

Small input

Form Control Colors

Date Input

dd-mm-yyyy

Time Input

--:--

CSS Classes Used:

`.form-control`

`.form-label`

`.form-control-lg`

`.form-control-sm`
`.form-control-color`
`readonly`
`disabled`
`multiple`
`placeholder`
`aria-label`
`type="email"`
`type="file"`
`type="color"`
`type="date"`
`type="time"`
`rows="3"`

Select

Select Dropdowns

Default select

Open this select menu

Multiple select

Open this select menu
One
Two
Three
Four

Disabled select

Open this select menu

Select Sizing

Large select

Small select

Select with Option Groups

Grouped select

Choose a category

CSS Classes Used:

.form-select

.form-select-lg

.form-select-sm

.form-label

multiple

disabled

selected

<optgroup>

aria-label

value="1"

id="selectId"

Checks & Radios

Checkboxes and Radio Buttons

Checkboxes

- ☐ Default checkbox
- ☒ Checked checkbox
- ☐ Indeterminate checkbox
- ☐ Disabled checkbox

Radio Buttons

- ☐ Default radio
- ☒ Default checked radio
- ☐ Disabled radio

Inline Checks

- ☐ 1
- ☐ 2
- ☐ 3 (disabled)

Switch

- ☐ Default switch checkbox input

☒ Checked switch checkbox input

☐ Disabled switch checkbox input

Button Style Checks

Single toggle

Checked

Checked success radio

Danger radio

CSS Classes Used:

```
.form-check  
.form-check-input  
.form-check-label  
.form-check-inline  
.form-switch  
.btn-check  
type="checkbox"  
type="radio"  
role="switch"  
name="groupName"  
checked  
disabled  
autocomplete="off"  
.btn-outline-primary  
.btn-outline-success  
.btn-outline-danger
```

Range

Range Input Controls

Basic range

Range with min and max

Range with steps

Disabled range

Range with Value Display

Volume: 50%

Colored Range

Progress

CSS Classes Used:

```
.form-range  
.form-label  
type="range"  
min="0"  
max="100"  
step="0.5"  
value="50"  
disabled  
oninput="function()"  
.range-primary (custom)  
id="rangeId"
```

Range Features:

- Custom styling
- Min/max values
- Step increments
- JavaScript integration
- Accessibility support
- Disabled state
- Cross-browser support

Input Group

Input Groups and Add-ons

Basic Input Groups

@	<input type="text" value="Username"/>
---	---------------------------------------

<input type="text" value="Recipient's username"/>	<input type="text" value="@example.com"/>
---	---

\$	<input type="text"/>	<input type="text" value=".00"/>
----	----------------------	----------------------------------

Input Group with Buttons

Button	<input type="text"/>
--------	----------------------

<input type="text" value="Search..."/>	<input type="button" value="🔍 Search"/>
--	---

Input Group with Dropdown

Dropdown ▼	<input type="text"/>
------------	----------------------

Input Group Sizing

Small	<input type="text"/>
-------	----------------------

Default	<input type="text"/>
---------	----------------------

Large	<input type="text"/>
-------	----------------------

Multiple Inputs

First and last name	<input type="text"/>	<input type="text"/>
---------------------	----------------------	----------------------

CSS Classes Used:

`.input-group`
`.input-group-text`
`.input-group-sm`
`.input-group-lg`

`.form-control`
`.btn`
`.btn-outline-secondary`
`.btn-primary`
`.dropdown-toggle`
`.dropdown-menu`
`.dropdown-item`
`.dropdown-divider`
`aria-label`
`aria-describedby`

Floating Labels

Floating Label Forms

Email address

Password

Comments

Works with selects
Open this select menu

Floating Labels in Grid

Email address
mdo@example.com

Works with selects
Open this select menu

Floating Labels with Input Groups

@ Username

Username

@example.com

Floating Labels with Validation

Invalid input
test

Please provide a valid email address.

Valid input
test@example.com

Looks good!

CSS Classes Used:

```
.form-floating  
.form-control  
.form-select  
.input-group  
.input-group-text  
.is-valid  
.is-invalid  
.valid-feedback  
.invalid-feedback  
placeholder  
value  
<label for="id">  
.row .g-2  
.col-md  
style="height: 100px"
```

Floating Label Features:

- Animated labels
- Works with inputs
- Works with selects
- Works with textareas
- Grid system support
- Input group compatible

- Validation states
- Accessibility friendly

Layout

Form Layout Options

Vertical Form (Default)

Email

Password

☐ Check me out

Submit

Horizontal Form

Email

Password

Radios ☒ First radio
☐ Second radio
☐ Example checkbox

Sign in

Inline Form

Jane Doe

@ Username

Choose...

☐ Remember me

Submit

Form Grid

Email

Password

Address

City

State

Zip

☐ Check me out

CSS Classes Used:

```
/* Vertical Form */
```

```
.mb-3
```

```
.form-label
```

```
.form-control
```

```
.form-check
```

```
.form-check-input
```

```
.form-check-label
```

```
/* Horizontal Form */
```

```
.row
.col-sm-2
.col-sm-10
.col-form-label
.offset-sm-2
<fieldset>
<legend>

/* Inline Form */
.row .gy-2 .gx-3
.align-items-center
.col-auto
.visually-hidden
.input-group
.input-group-text
```

```
/* Form Grid */
.col
.col-md-6
.col-md-4
.col-md-2
.col-12
.mt-3
```

Validation

Form Validation States

Validation States

Textarea

Required example textarea

Please enter a message in the textarea.

☐ Check this checkbox

Example invalid feedback text

☐ Toggle this radio

☐ Or toggle this other radio

More example invalid feedback text

Select Option

Choose...

Please select a valid state.

File Upload

Choose File

No file chosen

Please choose a valid file.

Submit form

Custom Validation

First name

Mark

Last name

Otto

Username

@

City

State

Choose...

Zip

☐ Agree to terms and conditions

Submit form

Server-side Validation

First name

Mark

Looks good!

Last name

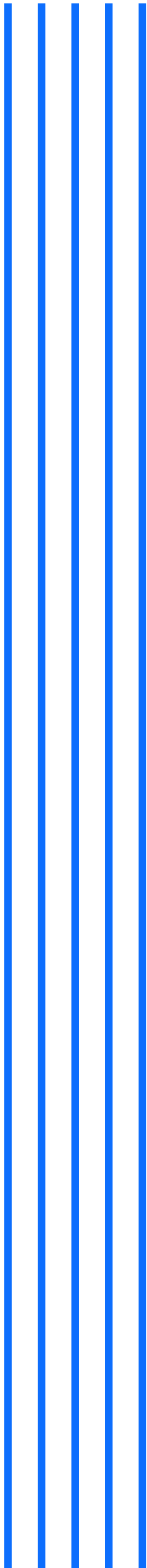
Please provide a last name.

CSS Classes Used:

.was-validated
.needs-validation
.is-valid
.is-invalid
.valid-feedback
.invalid-feedback
required
novalidate
disabled
aria-describedby
value=""
selected disabled
type="submit"

Validation Types:

- Browser validation
- Custom validation
- Server-side validation
- Real-time validation
- Field-level feedback
- Form-level feedback



- Accessibility support
- JavaScript integration

Bootstrap 5.3 Helpers

- Complete Bootstrap Examples

Source: helpers.html

Clearfix

Clearfix Utility

Float Left Element

Float Right Element

This paragraph appears below the floated elements because of the clearfix utility.

HTML Code

```
<div class="float-start">Float Left</div> <div  
class="float-end">Float Right</div> <div  
class="clearfix"></div> <p>Content below floated  
elements</p> /* Key Classes */ .float-start /*  
Float element left */ .float-end /* Float element  
right */ .clearfix /* Clear floated elements */
```

Color & Background

Color Utilities

Text Colors

Primary text color

Secondary text color

Success text color

Danger text color

Warning text color

Info text color

Light text color

Dark text color

Muted text color

Background Colors

Primary background

Secondary background

Success background

Danger background

Warning background

Info background

Light background

Dark background

HTML Code

```
/* Text Colors */ <p class="text-primary">Primary  
text</p> <p class="text-secondary">Secondary  
text</p> <p class="text-success">Success text</p>  
<p class="text-danger">Danger text</p> <p
```

```
class="text-warning">Warning text</p> <p
class="text-info">Info text</p> <p class="text-
light">Light text</p> <p class="text-dark">Dark
text</p> <p class="text-muted">Muted text</p> /*
Background Colors */ <div class="bg-
primary">Primary bg</div> <div class="bg-
secondary">Secondary bg</div> <div class="bg-
success">Success bg</div> <div class="bg-
danger">Danger bg</div> <div class="bg-
warning">Warning bg</div> <div class="bg-
info">Info bg</div> <div class="bg-light">Light
bg</div> <div class="bg-dark">Dark bg</div>
```

Colored Links

Link Color Utilities

Standard Link Colors

[Primary link](#)

[Secondary link](#)

[Success link](#)

[Danger link](#)

[Warning link](#)

[Info link](#)

[Light link](#)

[Dark link](#)

Underlined Link Colors

[Primary underlined link](#)

[Secondary underlined link](#)

[Success underlined link](#)

Danger underlined link

Warning underlined link

Info underlined link

Dark underlined link

HTML Code

```
/* Standard Link Colors */ <a href="#"
class="link-primary">Primary link</a> <a href="#"
class="link-secondary">Secondary link</a> <a
href="#" class="link-success">Success link</a> <a
href="#" class="link-danger">Danger link</a> <a
href="#" class="link-warning">Warning link</a> <a
href="#" class="link-info">Info link</a> <a
href="#" class="link-light">Light link</a> <a
href="#" class="link-dark">Dark link</a> /*
Underlined Links */ <a href="#" class="link-
primary link-underline-primary"> Primary
underlined link</a> <a href="#" class="link-
success link-underline-success"> Success
underlined link</a>
```

Focus Ring

Focus Ring Utilities

Custom Focus Ring

Primary Focus Ring

Success Focus Ring

Danger Focus Ring

Focus Ring Input

Info focus ring

Warning focus ring

Dark focus ring

HTML Code

```
/* Custom Focus Ring Buttons */ <button class="btn btn-outline-primary focus-ring focus-ring-primary"> Primary Focus Ring </button> <button class="btn btn-outline-success focus-ring focus-ring-success"> Success Focus Ring </button> /* Focus Ring Inputs */ <input type="text" class="form-control focus-ring focus-ring-info" placeholder="Info focus ring"> <input type="text" class="form-control focus-ring focus-ring-warning" placeholder="Warning focus ring"> /* CSS Classes */ .focus-ring /* Base focus ring */ .focus-ring-primary /* Primary color focus */ .focus-ring-success /* Success color focus */ .focus-ring-danger /* Danger color focus */ .focus-ring-info /* Info color focus */ .focus-ring-warning /* Warning color focus */ .focus-ring-dark /* Dark color focus */
```

Icon Link

Icon Link Helper

Basic Icon Links


→ [Go to next page](#)

↓ [Download file](#)

[Share article](#) 

Colored Icon Links

 [Primary link](#)

 [Success link](#)

 [Danger link](#)

HTML Code

```
/* Icon Before Text */ <a class="icon-link" href="#"> <i class="bi bi-arrow-right"></i> Go to next page </a> <a class="icon-link" href="#"> <i
```

```
class="bi bi-download"></i> Download file </a> /*
Icon After Text */ <a class="icon-link" href="#">
Share article <i class="bi bi-share"></i> </a> /*
Colored Icon Links */ <a class="icon-link text-
primary" href="#"> <i class="bi bi-link-45deg">
</i> Primary link </a> <a class="icon-link text-
success" href="#"> <i class="bi bi-check-circle">
</i> Success link </a> /* CSS Class */ .icon-link
/* Base icon link class */
```

Position

Position Utilities

Positioning Types

Static position

Relative position

Absolute

Position Values

Top Start
Bottom Start

Center

Top End
Bottom End

HTML Code

```
/* Position Types */ <div class="position-
static">Static</div> <div class="position-
relative">Relative</div> <div class="position-
absolute">Absolute</div> <div class="position-
fixed">Fixed</div> <div class="position-
sticky">Sticky</div> /* Position Values */ <div
class="position-absolute top-0 start-0"> Top Start
</div> <div class="position-absolute top-0 end-0">
Top End </div> <div class="position-absolute
bottom-0 start-0"> Bottom Start </div> <div
class="position-absolute bottom-0 end-0"> Bottom
```

```
End </div> /* Center Positioning */ <div
class="position-absolute top-50 start-50
translate-middle"> Perfect Center </div> /* Key
Classes */ .position-static /* Static positioning
*/ .position-relative /* Relative positioning */
.position-absolute /* Absolute positioning */
.position-fixed /* Fixed positioning */ .position-
sticky /* Sticky positioning */ .top-0, .top-50,
.top-100 .bottom-0, .bottom-50, .bottom-100
.start-0, .start-50, .start-100 .end-0, .end-50,
.end-100 .translate-middle /* Center transform */
```

Ratio

Aspect Ratio Utilities

Video Ratios

16:9 Aspect Ratio

4:3 Aspect Ratio

Square & Custom Ratios

1:1 Square Ratio

21:9 Ultra-wide Ratio

HTML Code

```
/* 16:9 Aspect Ratio (YouTube videos) */ <div  
class="ratio ratio-16x9"> <iframe src="video.mp4">  
</iframe> </div> /* 4:3 Aspect Ratio (TV/Monitor)  
*/ <div class="ratio ratio-4x3"> <iframe  
src="content.html"></iframe> </div> /* 1:1 Square  
Ratio (Instagram) */ <div class="ratio ratio-1x1">  
<div>Square content</div> </div> /* 21:9 Ultra-  
wide Ratio (Cinema) */ <div class="ratio ratio-  
21x9"> <div>Ultra-wide content</div> </div> /*  
Custom Ratio (CSS custom property) */ <div  
class="ratio" style="--bs-aspect-ratio: 50%;">
```



```
<div>Custom 2:1 ratio</div> </div> /* Key Classes
*/ .ratio /* Base ratio container */ .ratio-1x1 /*
1:1 square ratio */ .ratio-4x3 /* 4:3 traditional
ratio */ .ratio-16x9 /* 16:9 widescreen ratio */
.ratio-21x9 /* 21:9 ultra-wide ratio */
```

Stacks

Stack Layout Utilities

Vertical Stack (vstack)

First item

Second item

Third item

Horizontal Stack (hstack)

Item 1

Item 2

Auto margin

Button 1

Button 2

Button 3

HTML Code

```
/* Vertical Stack (Column Layout) */ <div
class="vstack gap-3"> <div>First item</div>
<div>Second item</div> <div>Third item</div>
</div> /* Horizontal Stack (Row Layout) */ <div
class="hstack gap-3"> <div>Item 1</div> <div>Item
2</div> <div class="ms-auto">Auto margin</div>
</div> /* Stack with Dividers */ <div
class="hstack gap-2"> <button class="btn btn-
primary">Button 1</button> <div class="vr"></div>
<button class="btn btn-secondary">Button
2</button> <div class="vr"></div> <button
class="btn btn-success">Button 3</button> </div>
/* Gap Utilities */ gap-0, gap-1, gap-2, gap-3,
gap-4, gap-5 /* Key Classes */ .vstack /* Vertical
```

```
stack (flexbox column) */ .hstack /* Horizontal
stack (flexbox row) */ .gap-{size} /* Gap between
stack items */ .ms-auto /* Margin start auto (push
right) */ .me-auto /* Margin end auto (push left)
*/ .vr /* Vertical rule/divider */
```

Stretched Link

Stretched Link Utility



Image

Card with stretched link

Some quick example text to build on the card title and make up the bulk of the card's content.

[Go somewhere](#)

Image

Media with stretched link

This is some placeholder content for the media object. It is intended to mimic what some real-world content would look like.

[Stretched link](#)

HTML Code

```
/* Card with Stretched Link */ <div class="card">
 <div
class="card-body"> <h5 class="card-title">Card
title</h5> <p class="card-text">Card content...
</p> <a href="#" class="btn btn-primary stretched-
link"> Go somewhere </a> </div> </div> /* Media
Object with Stretched Link */ <div class="d-flex
position-relative">  <div> <h5 class="mt-0">Media
title</h5> <p>Media content...</p> <a href="#"
class="stretched-link"> Stretched link </a> </div>
</div> /* Key Class */ .stretched-link /* Makes
entire container clickable */ /* Note: Parent must
have position-relative */ /* The stretched-link
class creates a pseudo-element */ /* that covers
the entire containing block */
```

Text Truncation

Text Truncation Utility

Basic Text Truncation

This text is quite long and will be truncated with an e...

Shorter container with truncated text that shows ellip...

Truncation in Components

Very long card title that gets truncated

Some quick example text with a very long inline text that gets truncated in the middle of the sentence.

HTML Code

```
/* Basic Text Truncation */ <div class="text-truncate" style="max-width: 300px;"> This text is quite long and will be truncated... </div> /* Card Title Truncation */ <div class="card"> <div class="card-body"> <h5 class="card-title text-truncate"> Very long card title that gets truncated </h5> <p class="card-text">Card content...</p> </div> </div> /* Inline Text Truncation */ <p> Some text with <span class="text-truncate d-inline-block" style="max-width: 150px;"> very long inline text that gets truncated </span> in the middle. </p> /* Key Class */ .text-truncate /* Truncate text with ellipsis */ /* CSS Properties Applied */ overflow: hidden; text-overflow: ellipsis; white-space: nowrap; /* Note: Requires a fixed width on the element */ /* Use max-width or width to set container size */
```

Vertical Rule

Vertical Rule Utility

Basic Vertical Rules

Content 1 Content 2 Content 3

Vertical Rules in Navigation

Button 1

Button 2

Button 3

HTML Code

```
/* Basic Vertical Rules */ <div class="d-flex"> <div>Content 1</div> <div class="vr mx-3"></div> <div>Content 2</div> <div class="vr mx-3"></div>
```

```
<div>Content 3</div> </div> /* Navigation with
Vertical Rules */ <nav class="navbar navbar-
expand"> <div class="navbar-nav"> <a class="nav-
link" href="#">Home</a> <div class="vr"></div> <a
class="nav-link" href="#">About</a> <div
class="vr"></div> <a class="nav-link"
href="#">Services</a> </div> </nav> /* Button
Group with Dividers */ <div class="hstack gap-3">
<button class="btn btn-primary">Button 1</button>
<div class="vr"></div> <button class="btn btn-
secondary">Button 2</button> <div class="vr">
</div> <button class="btn btn-success">Button
3</button> </div> /* Key Class */ .vr /* Vertical
rule/divider */ /* CSS Properties */ display:
inline-block; align-self: stretch; width: 1px;
min-height: 1em; background-color: currentcolor;
opacity: 0.25;
```

Visually Hidden

Screen Reader Utilities

Visually Hidden Text

This paragraph has visible content.

♡ Like

Focusable Hidden Content

Press Tab to see the skip link appear. This is useful for keyboard navigation accessibility.

Search...



HTML Code

```
/* Visually Hidden Text */ <p> This paragraph has
<span class="visually-hidden"> hidden text for
```

```
screen readers only </span> visible content. </p>
/* Button with Hidden Description */ <button
type="button" class="btn btn-primary"> <i
class="bi bi-heart" aria-hidden="true"></i> <span
class="visually-hidden">Add to favorites</span>
Like </button> /* Skip Link (Focusable) */ <a
class="visually-hidden-focusable" href="#main">
Skip to main content </a> /* Hidden Form Label */
<label for="search" class="visually-hidden">
Search </label> <input type="search" id="search"
class="form-control" placeholder="Search..."> /*
Key Classes */ .visually-hidden /* Hidden from
view, visible to screen readers */ .visually-
hidden-focusable /* Hidden until focused (skip
links) */ /* CSS Properties Applied */ position:
absolute !important; width: 1px !important;
height: 1px !important; padding: 0 !important;
margin: -1px !important; overflow: hidden
!important; clip: rect(0, 0, 0, 0) !important;
white-space: nowrap !important; border: 0
!important;
```

Custom CSS Styles

Source: *styles.css*

```
/* Custom CSS for Bootstrap Examples */

/* Body and Layout */
body {
    padding-top: 56px; /* Account for fixed na
    background-color: #f8f9fa;
}

/* Navigation */
.navbar-brand {
    font-weight: bold;
}

/* Hero Section */
.hero-section {
    background: linear-gradient(135deg, #007bf
    margin-bottom: 2rem;
}

/* Main Content */
.main-content {
    min-height: calc(100vh - 56px);
}

/* Sidebar */
.sidebar {
    background-color: #f8f9fa;
```

```
border-right: 1px solid #dee2e6;
min-height: calc(100vh - 56px);
padding-top: 1rem;
}

.sidebar .nav-link {
  color: #6c757d;
  border-radius: 0.375rem;
  margin-bottom: 0.25rem;
  transition: all 0.15s ease-in-out;
}

.sidebar .nav-link:hover {
  background-color: #e9ecef;
  color: #495057;
}

.sidebar .nav-link.active {
  background-color: #007bff;
  color: white;
}

/* Content Sections */
.content-section {
  margin-bottom: 4rem;
  padding-top: 2rem;
}

.section-title {
  color: #2c3e50;
  border-bottom: 3px solid #007bff;
  padding-bottom: 0.5rem;
  margin-bottom: 2rem;
  font-weight: 600;
}

/* Example Containers */
.example-container {
  background: white;
  border-radius: 0.5rem;
  box-shadow: 0 0.125rem 0.25rem rgba(0, 0,
```



```
        margin-bottom: 2rem;
        overflow: hidden;
        border: 1px solid #dee2e6;
    }

    .example-title {
        background: linear-gradient(135deg, #49505
        color: white;
        padding: 1rem 1.5rem;
        margin: 0;
        font-size: 1.1rem;
        font-weight: 500;
    }

    .example-demo {
        padding: 2rem;
        background-color: #ffffff;
        border-bottom: 1px solid #dee2e6;
    }

    /* Code Display */
    .code-display {
        background-color: #f8f9fa;
        padding: 1.5rem;
        border-left: 1px solid #dee2e6;
        height: 100%;
    }

    .code-display h5 {
        color: #495057;
        margin-bottom: 1rem;
        font-size: 0.9rem;
        font-weight: 600;
        text-transform: uppercase;
        letter-spacing: 0.05em;
    }

    .css-code {
        display: block;
        background-color: #2d3748;
        color: #e2e8f0;
```

```
padding: 1rem;
border-radius: 0.375rem;
font-family: 'Monaco', 'Menlo', 'Ubuntu Mo
font-size: 0.8rem;
line-height: 1.5;
white-space: pre-line;
border: 1px solid #4a5568;
}

/* Enhanced Styling for Examples */
.example-demo .bg-light {
    background-color: #f8f9fa !important;
}

.example-demo .border {
    border-color: #dee2e6 !important;
}

/* Button Spacing */
.example-demo .btn {
    margin-right: 0.5rem;
    margin-bottom: 0.5rem;
}

/* Table Responsive */
.example-demo .table {
    margin-bottom: 0;
}

/* Card Spacing */
.example-demo .card {
    margin-bottom: 1rem;
}

/* Alert Spacing */
.example-demo .alert {
    margin-bottom: 1rem;
}

.example-demo .alert:last-child {
    margin-bottom: 0;
}
```

```
}

/* Form Spacing */
.example-demo form {
    max-width: 500px;
}

/* Input Group Spacing */
.example-demo .input-group {
    margin-bottom: 1rem;
}

.example-demo .input-group:last-child {
    margin-bottom: 0;
}

/* Progress Bar Spacing */
.example-demo .progress {
    margin-bottom: 1rem;
}

.example-demo .progress:last-child {
    margin-bottom: 0;
}

/* Spinner Spacing */
.example-demo .spinner-border,
.example-demo .spinner-grow {
    margin-right: 1rem;
}

/* Badge Spacing */
.example-demo .badge {
    margin-right: 0.5rem;
    margin-bottom: 0.5rem;
}

/* Responsive Design */
@media (max-width: 767.98px) {
    .sidebar {
        position: relative;
    }
}
```

```
        min-height: unset;
        border-right: none;
        border-bottom: 1px solid #dee2e6;
        margin-bottom: 2rem;
    }

    .code-display {
        border-left: none;
        border-top: 1px solid #dee2e6;
        margin-top: 1rem;
    }

    .hero-section h1 {
        font-size: 2rem;
    }

    .hero-section .lead {
        font-size: 1rem;
    }
}

/* Smooth Scrolling */
html {
    scroll-behavior: smooth;
}

/* Section Padding for Anchor Links */
.content-section {
    scroll-margin-top: 70px;
}

/* Footer */
footer {
    margin-top: auto;
}

footer a {
    text-decoration: none;
}

footer a:hover {
```

```
        text-decoration: underline;
    }

    /* Code Syntax Highlighting */
    .css-code .class {
        color: #f7fafc;
    }

    .css-code .comment {
        color: #a0aec0;
        font-style: italic;
    }

    /* Interactive Elements */
    .example-demo .btn:hover {
        transform: translateY(-1px);
        transition: transform 0.15s ease-in-out;
    }

    .example-container:hover {
        box-shadow: 0 0.5rem 1rem rgba(0, 0, 0, 0.1);
        transition: box-shadow 0.15s ease-in-out;
    }

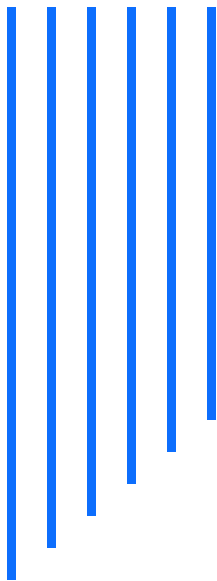
    /* Custom Background Gradients */
    .bg-gradient {
        background: linear-gradient(135deg, #007bff, #6c757d);
    }

    /* Enhanced Card Styling */
    .example-demo .card {
        transition: transform 0.15s ease-in-out;
    }

    .example-demo .card:hover {
        transform: translateY(-2px);
    }

    /* Enhanced Alert Styling */
    .example-demo .alert {
        border-left: 4px solid transparent;

```



```
}  
  
.example-demo .alert-primary {  
  border-left-color: #007bff;  
}  
  
....
```