

04

Components

WHAT YOU WILL LEARN

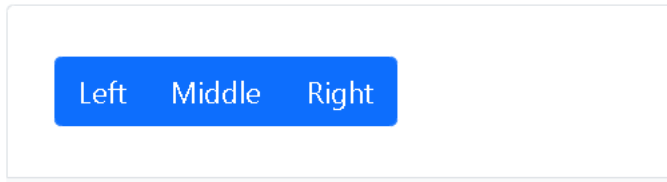
- Button group
- Card
- Carousel
- Collapse
- Dropdowns
- Accordion
- Modal
- Navbar
- Spinners

Button group

Output -

Basic example

Wrap a series of buttons with `.btn` in `.btn-group`.



Code -

```
<div class="btn-group" role="group" aria-label="Basic example">
  <button type="button" class="btn btn-primary">Left</button>
  <button type="button" class="btn btn-primary">Middle</button>
  <button type="button" class="btn btn-primary">Right</button>
</div>
```

Card

A card in Bootstrap 5 is a bordered box with some padding around its content. It includes options for headers, footers, content, colors, etc.

➤ Classes-

- A basic card is created with the `.card` class, and content inside the card has a `.card-body`
- The `.card-header` class adds a heading to the card and the `.card-footer` class adds a footer to the card
- To add a background color the card, use contextual classes (`.bg-primary`, `.bg-success`, `.bg-info`, `.bg-warning`, `.bg-danger`, `.bg-secondary`, `.bg-dark` and `.bg-light`).
- `.card-title` to add card titles to any heading element.
The `.card-text` class is used to remove bottom margins for a `<p>` element if it is the last child (or the only one) inside `.card-body`. The `.card-link` class adds a blue color to any link, and a hover effect.
- Add `.card-img-top` or `.card-img-bottom` to an `` to place the image at the top or at the bottom inside the card. Note that we have added the image outside of the `.card-body` to span the entire width
- Turn an image into a card background and use `.card-img-overlay` to add text on top of the image

Output -



Code -

```
<div class="card" style="width:400px">
  
  <div class="card-body">
    <h4 class="card-title">John Doe</h4>
    <p class="card-text">Some example text.</p>
    <a href="#" class="btn btn-primary">See Profile</a>
  </div>
</div>
```

Collapse

Collapsible are useful when you want to hide and show large amount of content

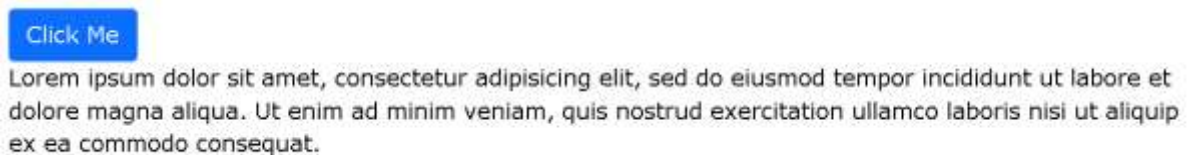
Classes – `collapse`

- The `.collapse` class indicates a collapsible element

JS Attribute –

- `data-bs-toggle="collapse"` - To control (show/hide) the collapsible content, add the `data-bs-toggle="collapse"` attribute to an `<a>` or a `<button>` element.
- `data-bs-target="#demo"` - Then add the `data-bs-target="#id"` attribute to connect the button with the collapsible content

Output –



Code Snippet –

```
<button data-bs-toggle="collapse" data-bs-target="#demo">Collapsible</button>

<div id="demo" class="collapse">
  Lorem ipsum dolor text....
</div>
```

Dropdowns

Use – A dropdown menu is a toggleable menu that allows the user to choose one value from a predefined list

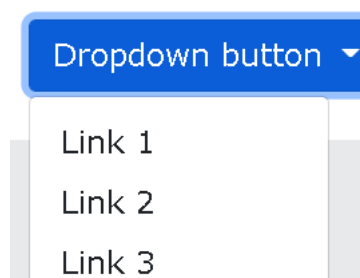
➤ Classes-

- The `.dropdown` class indicates a dropdown menu.
- the `.dropdown-menu` class to a `<div>` element to actually build the dropdown menu.
- the `.dropdown-item` class to each element (links or buttons) inside the dropdown menu.

➤ Attribute

- To open the dropdown menu, use a button or a link with a class of `.dropdown-toggle`
- the `data-bs-toggle="dropdown"` attribute

➤ Output –

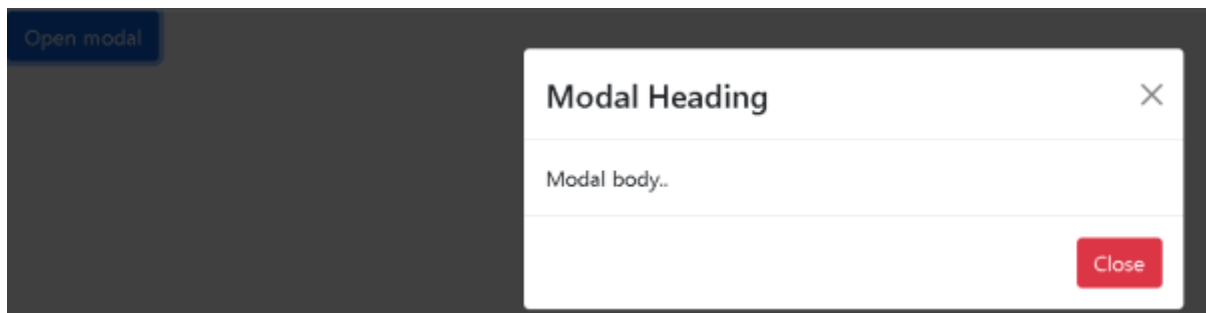


➤ Code Snippet

```
<div class="dropdown">
  <button type="button" class="btn btn-primary dropdown-toggle" data-bs-
toggle="dropdown">
    Dropdown button
  </button>
  <ul class="dropdown-menu">
    <li><a class="dropdown-item" href="#">Link 1</a></li>
    <li><a class="dropdown-item" href="#">Link 2</a></li>
    <li><a class="dropdown-item" href="#">Link 3</a></li>
  </ul>
</div>
```

Modal

- Use – The Modal component is a dialog box/popup window that is displayed on top of the current page
- Classes-
 - `.fade` class to add a fading effect when opening and closing the modal
 - the size of the modal by adding the `.modal-sm` class for small modals (max-width 300px), `.modal-lg` class for large modals (max-width 800px), or `.modal-xl` for extra large modals (max-width 1140px). Default is 500px max-width.
 - the size class to the `<div>` element with class `.modal-dialog`
- Attribute –
 - `data-bs-toggle="modal"`
 - `data-bs-target="#myModal">`
- Output –




- Code Snippet -

```
<button type="button" class="btn btn-primary" data-bs-toggle="modal" data-bs-target="#myModal">
  Open modal
</button>
<!-- The Modal -->
<div class="modal" id="myModal">
  <div class="modal-dialog">
    <div class="modal-content">
      <!-- Modal Header -->
      <div class="modal-header">
        <h4 class="modal-title">Modal Heading</h4>
        <button type="button" class="btn-close" data-bs-dismiss="modal"></button>
      </div>
      <!-- Modal body -->
      <div class="modal-body">
        Modal body..
      </div>
      <!-- Modal footer -->
      <div class="modal-footer">
        <button type="button" class="btn btn-danger" data-bs-dismiss="modal">Close</button>
      </div>
    </div>
  </div>
</div>
</div>
```

Navbar

- Use – A navigation bar is a navigation header that is placed at the top of the page:
- Classes-
 - A standard navigation bar is created with the `.navbar` class
 - a responsive collapsing class: `.navbar-expand-xxl|xl|lg|md|sm`
 - To add links inside the navbar, use either an `` element (or a `<div>`) with `class="navbar-nav"`. Then add `` elements with a `.nav-item` class followed by an `<a>` element with a `.nav-link` class
- Attribute –
 - `data-bs-toggle="dropdown"`
- Output –



Logo Link Link Link Dropdown ▾

- Code Snippet –

```
<li class="nav-item dropdown">
  <a class="nav-link dropdown-toggle" href="#" role="button" data-bs-
toggle="dropdown">Dropdown</a>
  <ul class="dropdown-menu">
    <li><a class="dropdown-item" href="#">Link</a></li>
    <li><a class="dropdown-item" href="#">Another link</a></li>
    <li><a class="dropdown-item" href="#">A third link</a></li>
  </ul>
</li>
```

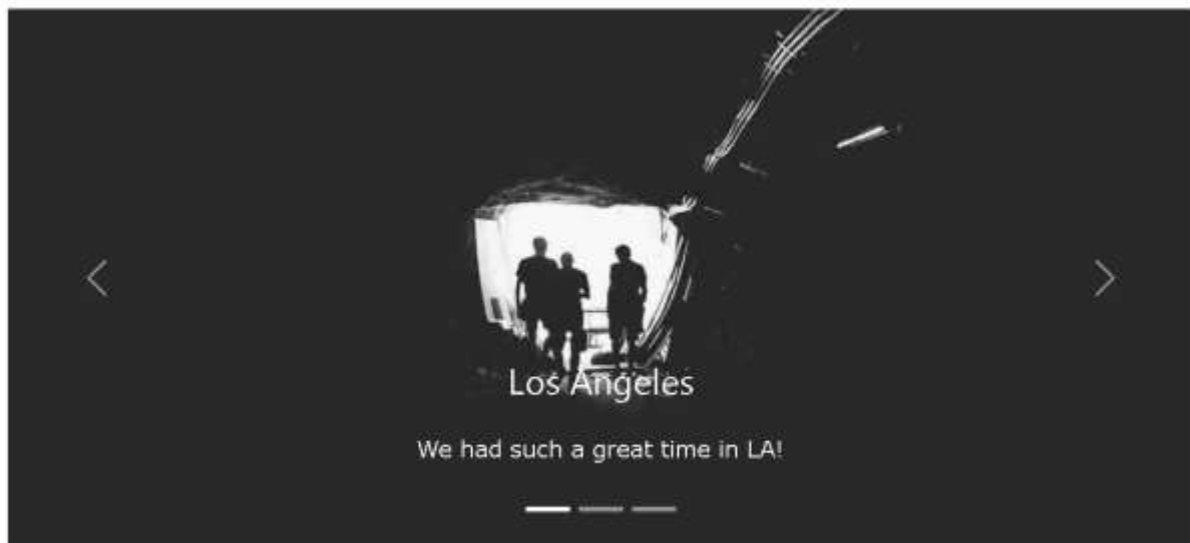

Carousel

- Use – The Carousel is a slideshow for cycling through elements:
- Classes

Class	Description
<code>.carousel</code>	Creates a carousel
<code>.carousel-indicators</code>	Adds indicators for the carousel. These are the little dots at the bottom of each slide (which indicates how many slides there are in the carousel, and which slide the user are currently viewing)
<code>.carousel-inner</code>	Adds slides to the carousel
<code>.carousel-item</code>	Specifies the content of each slide
<code>.carousel-control-prev</code>	Adds a left (previous) button to the carousel, which allows the user to go back between the slides
<code>.carousel-control-next</code>	Adds a right (next) button to the carousel, which allows the user to go forward between the slides
<code>.carousel-control-prev-icon</code>	Used together with <code>.carousel-control-prev</code> to create a "previous" button
<code>.carousel-control-next-icon</code>	Used together with <code>.carousel-control-next</code> to create a "next" button
<code>.slide</code>	Adds a CSS transition and animation effect when sliding from one item to the next. Remove this class if you do not want this effect

- Attribute –
 - `data-bs-ride="carousel"`
 - `data-bs-target="#demo"`
 - `data-bs-slide-to="0"`

➤ Output –



➤ Code Snippet -

```
<!-- Carousel -->
<div id="demo" class="carousel slide" data-bs-ride="carousel">
  <!-- Indicators/dots -->
  <div class="carousel-indicators">
    <button type="button" data-bs-target="#demo" data-bs-slide-to="0" class="active"></button>
    <button type="button" data-bs-target="#demo" data-bs-slide-to="1"></button>
    <button type="button" data-bs-target="#demo" data-bs-slide-to="2"></button>
  </div>
  <!-- The slideshow/carousel -->
  <div class="carousel-inner">
    <div class="carousel-item active">
      
    </div>
    <div class="carousel-item">
      
    </div>
    <div class="carousel-item">
      
    </div>
  </div>
  <!-- Left and right controls/icons -->
  <button class="carousel-control-prev" type="button" data-bs-target="#demo" data-bs-slide="prev">
    <span class="carousel-control-prev-icon"></span>
  </button>
  <button class="carousel-control-next" type="button" data-bs-target="#demo" data-bs-slide="next">
    <span class="carousel-control-next-icon"></span>
  </button>
</div>
```

Spinners

- Use – To create a spinner/loader, use the `.spinner-border` class
- Classes-
 - `.spinner-border`
 - `spinner-border text-muted`
 - `spinner-border text-primary`
 - `spinner-grow text-muted`
 - `spinner-border spinner-border-sm`
- Attribute –
- Output –

Use any **text color utilites** to add a color to the spinner:



- Code Snippet –

```
<div class="spinner-border text-muted"></div>
<div class="spinner-border text-primary"></div>
<div class="spinner-border text-success"></div>
<div class="spinner-border text-info"></div>
<div class="spinner-border text-warning"></div>
<div class="spinner-border text-danger"></div>
<div class="spinner-border text-secondary"></div>
<div class="spinner-border text-dark"></div>
<div class="spinner-border text-light"></div>
```