

**HTML**



*Markup Language*  
**Content**

**CSS**



*Style sheet Language*  
**Presentation**

**JS**



*Programming Language*  
**Behavior**

**Bootstrap**

<https://www.w3schools.com/bootstrap5/index.php>

# 부트스트랩(Bootstrap)

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- 반응형 웹사이트 제작을 위한 프론트엔드 프레임워크
  - HTML, CSS 기반 디자인 템플릿과 JavaScript 플러그인 포함
- 탄생 배경
  - 서로 다른 인터페이스를 사용한 여러 개발자들의 공동 작업
  - 디자인 불일치, 관리 어려움, 방대한 코드량 → 일관성 유지 불가
  - 문제점 개선을 위해 트위터의 개발자와 UI 디자이너가 개발
  - 2011년 8월 깃허브 오픈
- 오픈 소스, 상업적 이용 가능

# 부트스트랩의 장점

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- Easy to use
  - HTML, CSS 기본지식을 가진 누구나 쉽게 접근이 가능
- Responsive features:
  - 반응형 CSS를 포함한 단일코드로 모든 디바이스에 적용 가능
- Mobile-first approach
  - 부트스트랩3 부터 모바일 겸용이 아닌 , 모바일 퍼스트 정책 반영
- Browser compatibility
  - 모든 최신 브라우저와 호환 (크롬 파이어 폭스, 인터넷 익스플로러, 사파리, 오페라)

# 부트스트랩 설치

## ■ Include Bootstrap 5 from a CDN(Content Delivery Network)

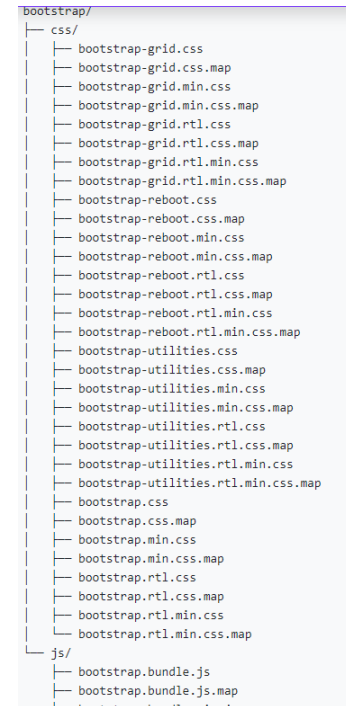
```
<!-- Latest compiled and minified CSS -->
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css" rel="stylesheet">

<!-- Latest compiled JavaScript -->
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootstrap.bundle.min.js"></script>
```

## ■ Download Bootstrap 5 from getbootstrap.com

- <https://getbootstrap.com/docs/5.3/getting-started/download/>
- 부트스트랩 다운로드
- [부트스트랩 예제 다운로드](https://getbootstrap.com/docs/5.3/getting-started/download/)

<https://getbootstrap.kr/docs/5.1/examples/>

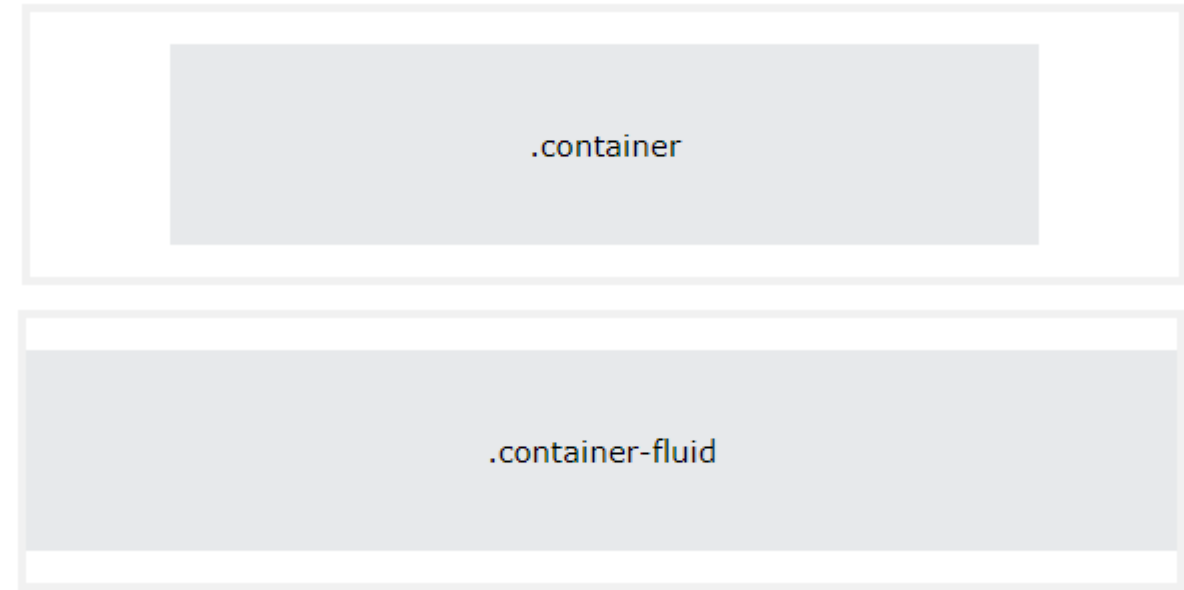


# Bootstrap 5 Containers

- .container
- .container-fluid

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Bootstrap Example</title>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css" rel="stylesheet">
  <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootstrap.bundle.min.js"></script>
</head>
<body>
<div class="container">
  <h1>My First Bootstrap Page</h1>
  <p>This part is inside a .container class.</p>
  <p>The .container class provides a responsive fixed width container.</p>
</div>

</body>
</html>
```



# Bootstrap 5 Containers

## ■ Container Padding

- 예제| `<div class="container pt-5"></div>`
  - pt-5 : add a large top padding

## ■ Container Border and Color

```
<div class="container p-5 my-5 border"></div>
```

```
<div class="container p-5 my-5 bg-dark text-white"></div>
```

```
<div class="container p-5 my-5 bg-primary text-white"></div>
```

My First Bootstrap Page

This container has a border and some extra padding and margins.

My First Bootstrap Page

This container has a dark background color and a white text, and some extra padding and margins.

My First Bootstrap Page

This container has a blue background color and a white text, and some extra padding and margins.

# Bootstrap 5 Containers

## ■ Responsive Containers

Class	Extra small <576px	Small ≥576px	Medium ≥768px	Large ≥992px	Extra large ≥1200px	XXL ≥1400px
<code>.container-sm</code>	100%	540px	720px	960px	1140px	1320px
<code>.container-md</code>	100%	100%	720px	960px	1140px	1320px
<code>.container-lg</code>	100%	100%	100%	960px	1140px	1320px
<code>.container-xl</code>	100%	100%	100%	100%	1140px	1320px
<code>.container-xxl</code>	100%	100%	100%	100%	100%	1320px

```
<div class="container-sm">.container-sm</div>
<div class="container-md">.container-md</div>
<div class="container-lg">.container-lg</div>
<div class="container-xl">.container-xl</div>
<div class="container-xxl">.container-xxl</div>
```

### Responsive Containers

Resize the browser window to see the effect.

`.container-sm`

`.container-md`

`.container-lg`

`.container-xl`

`.container-xxl`

# Bootstrap 5 Grids

## ■ Grid Classes

- .col-
- .col-sm-
- .col-md-
- .col-lg-
- .col-xl-
- .col-xxl-

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											

.col

.col

.col

```
<div class="row">
  <div class="col">.col</div>
  <div class="col">.col</div>
  <div class="col">.col</div>
</div>
```

.col-sm-4

.col-sm-8

```
<div class="row">
  <div class="col-sm-4">.col-sm-4</div>
  <div class="col-sm-8">.col-sm-8</div>
</div>
```



# Bootstrap 5 Text/Typography

---

- <h1> - <h6>

- .h1 ~ .h6

```
<p class="h1">h1 Bootstrap heading</p>
<p class="h2">h2 Bootstrap heading</p>
<p class="h3">h3 Bootstrap heading</p>
<p class="h4">h4 Bootstrap heading</p>
<p class="h5">h5 Bootstrap heading</p>
<p class="h6">h6 Bootstrap heading</p>
```

- Display Headings

- .display-1 ~ .display-6

- <small> : .small

- <mark> : .mark

- <blockquote> : .blockquote

- 다음 태그에 스타일 지원

- <abbr>, <dl>, <code>, <kbd>, <pre>

# More Typography Classes

Class	Description	Example
<code>.lead</code>	Makes a paragraph stand out	<a href="#">Try it</a>
<code>.text-start</code>	Indicates left-aligned text	<a href="#">Try it</a>
<code>.text-break</code>	Prevents long text from breaking layout	<a href="#">Try it</a>
<code>.text-center</code>	Indicates center-aligned text	<a href="#">Try it</a>
<code>.text-decoration-none</code>	Removes the underline from a link	<a href="#">Try it</a>
<code>.text-end</code>	Indicates right-aligned text	<a href="#">Try it</a>
<code>.text-nowrap</code>	Indicates no wrap text	<a href="#">Try it</a>
<code>.text-lowercase</code>	Indicates lowercased text	<a href="#">Try it</a>
<code>.text-uppercase</code>	Indicates uppercased text	<a href="#">Try it</a>
<code>.text-capitalize</code>	Indicates capitalized text	<a href="#">Try it</a>
<code>.initialism</code>	Displays the text inside an <code>&lt;abbr&gt;</code> element in a slightly smaller font size	<a href="#">Try it</a>
<code>.list-unstyled</code>	Removes the default list-style and left margin on list items (works on both <code>&lt;ul&gt;</code> and <code>&lt;ol&gt;</code> ). This class only applies to immediate children list items (to remove the default list-style from any nested lists, apply this class to any nested lists as well)	<a href="#">Try it</a>
<code>.list-inline</code>	Places all list items on a single line (used together with <code>.list-inline-item</code> on each <code>&lt;li&gt;</code> elements)	<a href="#">Try it</a>

# Bootstrap 5 Colors

---

- `.text-muted`, `.text-primary`, `.text-success`, `.text-info`, `.text-warning`, `.text-danger`, `.text-secondary`, `.text-white`, `.text-dark`, `.text-body`, `.text-light`

- `text-black-50`, `.text-white-50`

Black text with 50% opacity on white background

White text with 50% opacity on black background

- `.bg-primary`, `.bg-success`, `.bg-info`, `.bg-warning`, `.bg-danger`, `.bg-secondary`, `.bg-dark`, `.bg-light`
- `.text-bg-color`

This text is muted.

This text is important.

This text indicates success.

This text represents some information.

This text represents a warning.

This text represents danger.

Secondary text.

Dark grey text.

Body text.



# Bootstrap 5 Tables

- Basic Table: `.table`

Firstname	Lastname	Email
John	Doe	john@example.com
Mary	Moe	mary@example.com
July	Dooley	july@example.com

- Striped Rows: `.table-striped`

Firstname	Lastname	Email
John	Doe	john@example.com
Mary	Moe	mary@example.com
July	Dooley	july@example.com

- `.table-dark`

- `.table-borderless`

- Bordered Table: `.table-bordered`

Firstname	Lastname	Email
John	Doe	john@example.com
Mary	Moe	mary@example.com
July	Dooley	july@example.com

- Hover Rows: `.table-hover`

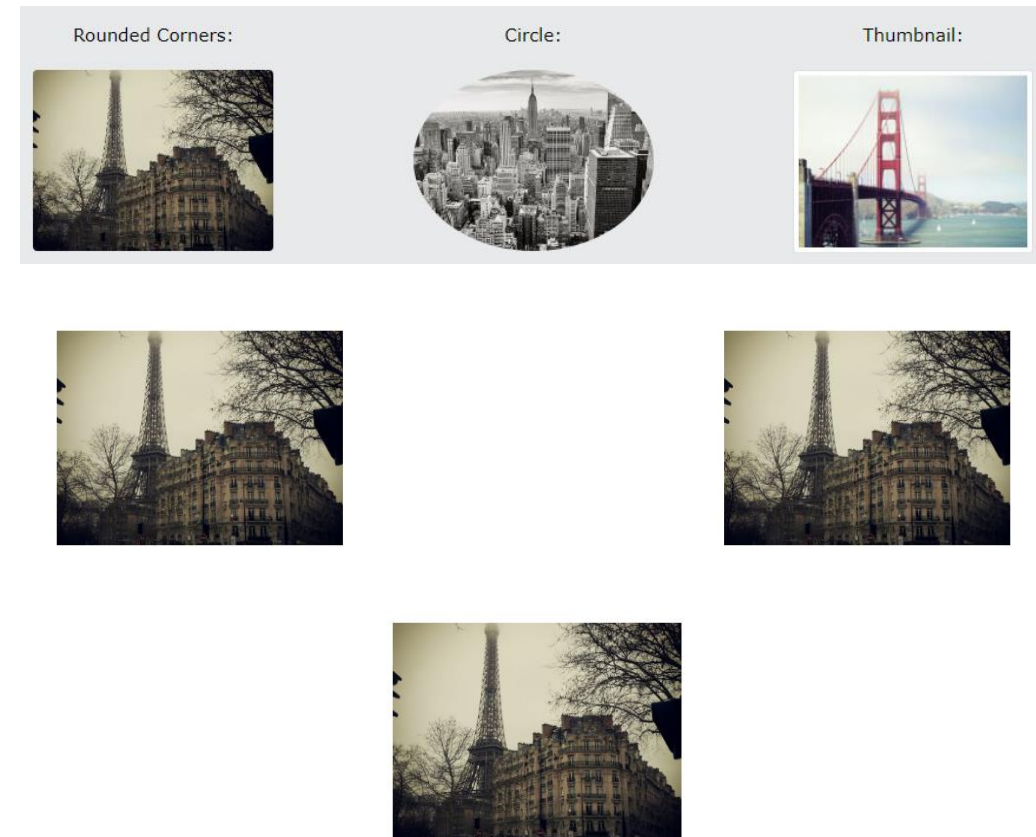
Firstname	Lastname	Email
John	Doe	john@example.com
Mary	Moe	mary@example.com
July	Dooley	july@example.com

- `.table-color`

Default	Defaultson	def@somemail.com
Primary	Joe	joe@example.com
Success	Doe	john@example.com
Danger	Moe	mary@example.com
Info	Dooley	july@example.com
Warning	Refs	bo@example.com

# Bootstrap 5 Images

- `.rounded`, `.rounded-circle`, `.img-thumbnail`
- Aligning Images: `.float-start`, `.float-end`
- Centered Image: `.mx-auto` and `.d-block`
- Responsiver Images: `.img-fluid`



# Bootstrap 5 Buttons

## ■ Button Styles

Basic

Primary

Secondary

Success

Info

Warning

Danger

Dark

Light

[Link](#)

```
<button type="button" class="btn">Basic</button>
<button type="button" class="btn btn-primary">Primary</button>
<button type="button" class="btn btn-secondary">Secondary</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-dark">Dark</button>
<button type="button" class="btn btn-light">Light</button>
<button type="button" class="btn btn-link">Link</button>
```

```
<button type="button" class="btn btn-outline-primary">Primary</button>
<button type="button" class="btn btn-outline-secondary">Secondary</button>
<button type="button" class="btn btn-outline-success">Success</button>
<button type="button" class="btn btn-outline-info">Info</button>
<button type="button" class="btn btn-outline-warning">Warning</button>
<button type="button" class="btn btn-outline-danger">Danger</button>
<button type="button" class="btn btn-outline-dark">Dark</button>
<button type="button" class="btn btn-outline-light text-dark">Light</button>
```

Primary

Secondary

Success

Info

Warning

Danger

Dark

Light

# Bootstrap 5 Buttons

## ■ Button Sizes



- `.btn-lg`, `.btn-sm`

## ■ Spinner Buttons

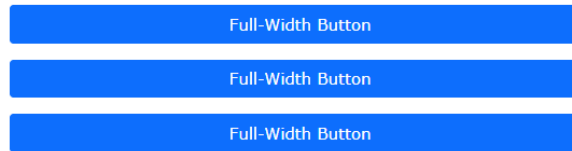


- `.spinner-border`

## ■ Block Level Buttons

- `.d-grid`
- `.gap-*`

```
<div class="d-grid gap-3">  
  <button type="button" class="btn btn-primary btn-block">Full-Width Button</button>  
  <button type="button" class="btn btn-primary btn-block">Full-Width Button</button>  
  <button type="button" class="btn btn-primary btn-block">Full-Width Button</button>  
</div>
```



## ■ Active/Disabled Buttons

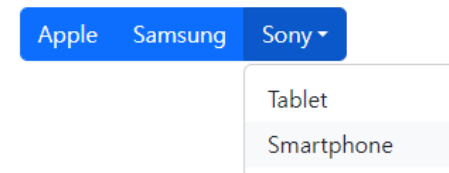


```
<div class="container mt-3">  
  <h2>Button States</h2>  
  <button type="button" class="btn btn-primary">Primary Button</button>  
  <button type="button" class="btn btn-primary active">Active Primary</button>  
  <button type="button" class="btn btn-primary disabled">Disabled Primary</button>  
  <a href="#" class="btn btn-primary disabled">Disabled Link</a>  
</div>
```

# Button Groups

- .btn-group
- .btn-group-vertical

```
<div class="btn-group">  
  <button type="button" class="btn btn-primary">Apple</button>  
  <button type="button" class="btn btn-primary">Samsung</button>  
  <div class="btn-group">  
    <button type="button" class="btn btn-primary dropdown-toggle" data-bs-toggle="dropdown">Sony</button>  
    <div class="dropdown-menu">  
      <a class="dropdown-item" href="#">Tablet</a>  
      <a class="dropdown-item" href="#">Smartphone</a>  
    </div>  
  </div>  
</div>
```





# Badges

- `.badge`

Example heading **New**

- Contextual Badges

- `.bg-*`

```
<span class="badge bg-primary">Primary</span>  
<span class="badge bg-secondary">Secondary</span>  
<span class="badge bg-success">Success</span>  
<span class="badge bg-danger">Danger</span>  
<span class="badge bg-warning">Warning</span>  
<span class="badge bg-info">Info</span>  
<span class="badge bg-light">Light</span>  
<span class="badge bg-dark">Dark</span>
```

**Primary** **Secondary** **Success** **Danger** **Warning** **Info** **Light** **Dark**

- Pill Badges

- `.rounded-pill`

**Primary** **Secondary** **Success** **Danger** **Warning** **Info** **Light** **Dark**

# Progress Bars

## ■ Basic Progress Bars



```
<div class="progress">
  <div class="progress-bar" style="width:70%"></div>
</div>
```

## ■ Label, Color



```
<div class="progress">
  <div class="progress-bar bg-danger" style="width:70%">70%</div>
</div>
```

## ■ Multiple Progress Bars



```
<div class="progress">
  <div class="progress-bar bg-success" style="width:40%">
    Free Space
  </div>
  <div class="progress-bar bg-warning" style="width:10%">
    Warning
  </div>
  <div class="progress-bar bg-danger" style="width:20%">
    Danger
  </div>
</div>
```

# Pagination

## ■ Basic Pagination

Previous 1 2 3 Next

- .pagination, .page-item, .page-link

```
<ul class="pagination">
  <li class="page-item"><a class="page-link" href="#">Previous</a></li>
  <li class="page-item"><a class="page-link" href="#">1</a></li>
  <li class="page-item"><a class="page-link" href="#">2</a></li>
  <li class="page-item"><a class="page-link" href="#">3</a></li>
  <li class="page-item"><a class="page-link" href="#">Next</a></li>
</ul>
```

- .active

```
<li class="page-item active"><a class="page-link" href="#">2</a></li>
```

Previous 1 2 3 Next

## ■ Pagination Alignment

```
<!-- Default (left-aligned) -->
```

```
<ul class="pagination" style="margin:20px 0">
  <li class="page-item">...</li>
</ul>
```

Previous 1 2 3 Next

```
<!-- Center-aligned -->
```

```
<ul class="pagination justify-content-center" style="margin:20px 0">
  <li class="page-item">...</li>
</ul>
```

Previous 1 2 3 Next

```
<!-- Right-aligned -->
```

```
<ul class="pagination justify-content-end" style="margin:20px 0">
  <li class="page-item">...</li>
</ul>
```

Previous 1 2 3 Next

## ■ Breadcrumbs

[Photos](#) / [Summer 2017](#) / [Italy](#) / Rome

```
<ul class="breadcrumb">
  <li class="breadcrumb-item"><a href="#">Photos</a></li>
  <li class="breadcrumb-item"><a href="#">Summer 2017</a></li>
  <li class="breadcrumb-item"><a href="#">Italy</a></li>
  <li class="breadcrumb-item active">Rome</li>
</ul>
```

# List Groups

## ■ Basic List Groups

```
<ul class="list-group">
  <li class="list-group-item active">Active item</li>
  <li class="list-group-item">Second item</li>
  <li class="list-group-item">Third item</li>
</ul>
```

Active item
Second item
Third item

## ■ List Group With Linked Items

- .list-group-item-action

First item
Second item
Third item

## ■ Flush/Remove Borders

- .list-group-flush

First item
Second item
Third item
Fourth item

## ■ Numbered List Groups

- .list-group-numbered

1. First item
2. Second item
3. Third item

## ■ Horizontal List Groups

- .list-group-horizontal

First item	Second item	Third item	Fourth item
------------	-------------	------------	-------------

# Cards

## ■ Basic Card

- .card

```
<div class="card">
  <div class="card-body">Basic card</div>
</div>
```

## ■ Header and Footer

```
<div class="card">
  <div class="card-header">Header</div>
  <div class="card-body">Content</div>
  <div class="card-footer">Footer</div>
</div>
```

Header
Content
Footer

## ■ Titles, text, and links

```
<div class="card">
  <div class="card-body">
    <h4 class="card-title">Card title</h4>
    <p class="card-text">Some example text. Some example text.</p>
    <a href="#" class="card-link">Card link</a>
    <a href="#" class="card-link">Another link</a>
  </div>
</div>
```

### Card title

Some example text. Some example text.

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

## ■ Card Images

```
<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>
```



John Doe

Some example text some example text. John Doe is an architect and engineer

[See Profile](#)

# Collapse

- 버튼/링크를 누를때마다 내용 show/hidden 전환
- 예제

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

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

```
<a href="#demo" data-bs-toggle="collapse">Collapsible</a>

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

Click Me

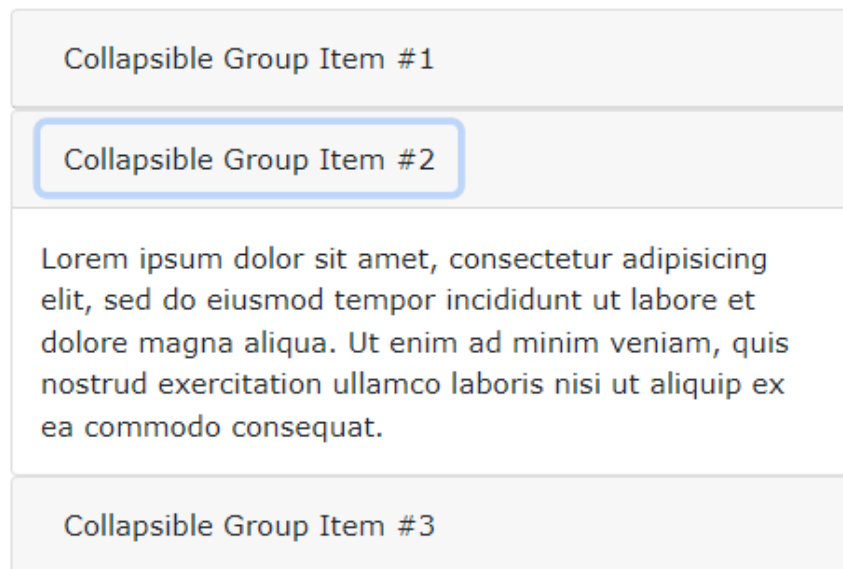
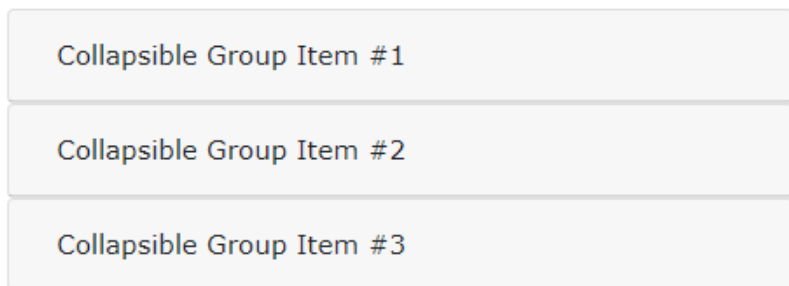
```
<div id="demo" class="collapse show">
  Lorem ipsum dolor text....
</div>
```

Click Me

Lorem ipsum dolor sit amet, consectetur adipisicing 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.

# Collapse \_ Accordion

- data-bs-parent 속성 사용 → 축소 가능한 항목중 하나가 표시될 때 지정된 상위 아래의 모든 축소 가능한 요소가 닫히도록 설정



```
<div id="accordion">

  <div class="card">
    <div class="card-header">
      <a class="btn" data-bs-toggle="collapse" href="#collapseOne">
        Collapsible Group Item #1
      </a>
    </div>
    <div id="collapseOne" class="collapse show" data-bs-parent="#accordion">
      <div class="card-body">
        Lorem ipsum..
      </div>
    </div>
  </div>

  <div class="card">
    <div class="card-header">
      <a class="collapsed btn" data-bs-toggle="collapse" href="#collapseTwo">
        Collapsible Group Item #2
      </a>
    </div>
    <div id="collapseTwo" class="collapse" data-bs-parent="#accordion">
      <div class="card-body">
        Lorem ipsum..
      </div>
    </div>
  </div>

  <div class="card">
    <div class="card-header">
      <a class="collapsed btn" data-bs-toggle="collapse" href="#collapseThree">
        Collapsible Group Item #3
      </a>
    </div>
    <div id="collapseThree" class="collapse" data-bs-parent="#accordion">
      <div class="card-body">
        Lorem ipsum..
      </div>
    </div>
  </div>
</div>
```

# Navs

## ■ Nav Menus

Link Link Link Disabled

```
<ul class="nav">
  <li class="nav-item">
    <a class="nav-link" href="#">Link</a>
  </li>
  <li class="nav-item">
    <a class="nav-link" href="#">Link</a>
  </li>
  <li class="nav-item">
    <a class="nav-link" href="#">Link</a>
  </li>
  <li class="nav-item">
    <a class="nav-link disabled" href="#">Disabled</a>
  </li>
</ul>
```

## ■ Tabs: nav-tabs

Active Link Link Disabled

## ■ Pills: nav-pills

Active Link Link Disabled

## ■ 정렬: justify-content-center, justify-content-end

## ■ flex-column

Link

- 세로로 배치

Link

Link

Disabled

## ■ nav-justified

- 동일 너비를 사용하여 정렬

```
<ul class="nav nav-pills nav-justified">..</ul>
<ul class="nav nav-tabs nav-justified">..</ul>
```



# Toggleable Tabs

```
<div class="container mt-3">
  <h2>Toggleable Pills</h2>
  <br>
  <!-- Nav pills -->
  <ul class="nav nav-pills" role="tablist">
    <li class="nav-item">
      <a class="nav-link active" data-bs-toggle="pill" href="#home">Home</a>
    </li>
    <li class="nav-item">
      <a class="nav-link" data-bs-toggle="pill" href="#menu1">Menu 1</a>
    </li>
    <li class="nav-item">
      <a class="nav-link" data-bs-toggle="pill" href="#menu2">Menu 2</a>
    </li>
  </ul>
  <!-- Tab panes -->
  <div class="tab-content">
    <div id="home" class="container tab-pane active"><br>
      <h3>HOME</h3>
      <p>Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor
incididunt ut labore et dolore magna aliqua.</p>
    </div>
    <div id="menu1" class="container tab-pane fade"><br>
      <h3>Menu 1</h3>
      <p>Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip
ex ea commodo consequat.</p>
    </div>
    <div id="menu2" class="container tab-pane fade"><br>
      <h3>Menu 2</h3>
      <p>Sed ut perspiciatis unde omnis iste natus error sit voluptatem accusantium
doloremque laudantium, totam rem aperiam.</p>
    </div>
  </div>
</div>
```

Home

Menu 1

Menu 2

## Menu 1

Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.

# Navbars

```
<nav class="navbar navbar-expand-sm navbar-dark bg-dark">
  <div class="container-fluid">
    <a class="navbar-brand" href="javascript:void(0)">Logo</a>
    <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#mynavbar">
      <span class="navbar-toggler-icon"></span>
    </button>
    <div class="collapse navbar-collapse" id="mynavbar">
      <ul class="navbar-nav me-auto">
        <li class="nav-item">
          <a class="nav-link" href="javascript:void(0)">Link</a>
        </li>
        <li class="nav-item">
          <a class="nav-link" href="javascript:void(0)">Link</a>
        </li>
        <li class="nav-item">
          <a class="nav-link" href="javascript:void(0)">Link</a>
        </li>
      </ul>
      <form class="d-flex">
        <input class="form-control me-2" type="text" placeholder="Search">
        <button class="btn btn-primary" type="button">Search</button>
      </form>
    </div>
  </div>
</nav>
```

Logo Link Link Link

Search

Search

# Carousel

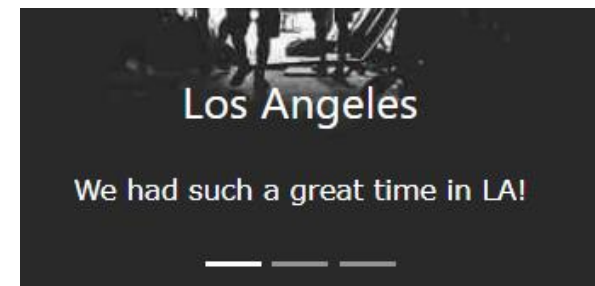
## ■ Carousel/Slideshow



```
<!-- 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>
```

caption 추가 가능

```
<div class="carousel-item">
  
  <div class="carousel-caption">
    <h3>Los Angeles</h3>
    <p>We had such a great time in LA!</p>
  </div>
</div>
```



# Modal

## ■ 대화상자/팝업창

```
<div class="container mt-3">
  <h3>Modal Example</h3>
  <p>Click on the button to open the modal.</p>
  <button type="button" class="btn btn-primary" data-bs-toggle="modal" data-bs-target="#myModal">
    Open modal
  </button>
</div>

<!-- 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>
```

### Modal Example

Click on the button to open the modal.

Open modal

Modal Heading

Modal body..

Close

# Modal

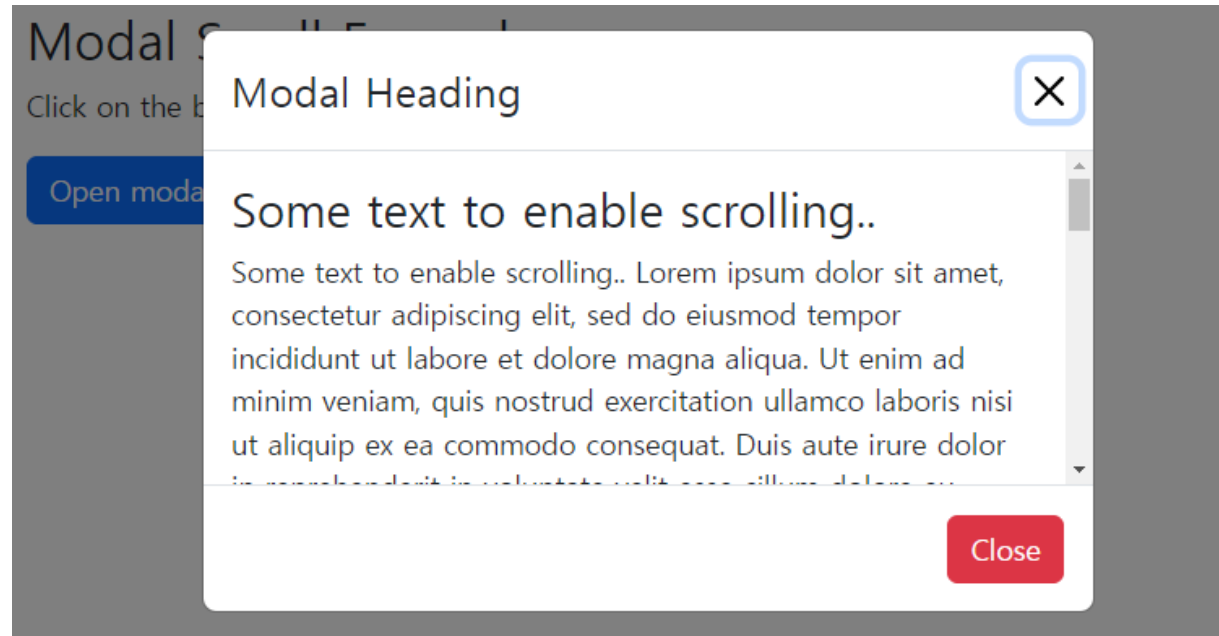
---

## ■ Modal Size

- modal-sm, modal-lg, modal-xl, modal-fullscreen

## ■ Scrolling Modal

- modal-dialog-scrollable



# Form

```
<form action="/action_page.php">
  <div class="mb-3 mt-3">
    <label for="email" class="form-label">Email:</label>
    <input type="email" class="form-control" id="email" placeholder="Enter email" name="email">
  </div>
  <div class="mb-3">
    <label for="pwd" class="form-label">Password:</label>
    <input type="password" class="form-control" id="pwd" placeholder="Enter password" name="pswd">
  </div>
  <div class="form-check mb-3">
    <label class="form-check-label">
      <input class="form-check-input" type="checkbox" name="remember"> Remember me
    </label>
  </div>
  <button type="submit" class="btn btn-primary">Submit</button>
</form>
```

```
<label for="comment">Comments:</label>
<textarea class="form-control" rows="5" id="comment" name="text"></textarea>
```

Email:

Password:

☐ Remember me

Comments:

# Select

```
<form action="/action_page.php">
  <label for="sel1" class="form-label">Select list (select one):</label>
  <select class="form-select" id="sel1" name="sellist1">
    <option>1</option>
    <option>2</option>
    <option>3</option>
    <option>4</option>
  </select>
  <br>

  <label for="sel2" class="form-label">Mutiple select list (hold shift to select more than one):</label>
  <select multiple class="form-select" id="sel2" name="sellist2">
    <option>1</option>
    <option>2</option>
    <option>3</option>
    <option>4</option>
    <option>5</option>
  </select>
  <button type="submit" class="btn btn-primary mt-3">Submit</button>
</form>
```

Select list (select one):

Mutiple select list (hold shift to select more than one):

Submit

# Checkboxes, Radio buttons

## ■ Checkboxes

```
<div class="form-check">
  <input class="form-check-input" type="checkbox" id="check1"
name="option1" value="something" checked>
  <label class="form-check-label">Option 1</label>
</div>
```

☒ Option 1

☐ Option 2

☐ Disabled Option

## ■ Toggle Switches

☒ Dark Mode

```
<div class="form-check form-switch">
  <input class="form-check-input" type="checkbox" id="mySwitch"
name="darkmode" value="yes" checked>
  <label class="form-check-label" for="mySwitch">Dark Mode</label>
</div>
```

## ■ Radio buttons

```
<div class="form-check">
  <input type="radio" class="form-check-input" id="radio1"
name="optradio" value="option1" checked>Option 1
  <label class="form-check-label" for="radio1"></label>
</div>
<div class="form-check">
  <input type="radio" class="form-check-input" id="radio2"
name="optradio" value="option2">Option 2
  <label class="form-check-label" for="radio2"></label>
</div>
<div class="form-check">
  <input type="radio" class="form-check-input" disabled>Option 3
  <label class="form-check-label"></label>
</div>
```

☒ Option 1  
☐ Option 2  
☐ Option 3



# Floating Labels

- default label

Email Label

- floating label

Email

Password



Email  
a


Password  
p

```
<div class="form-floating mb-3 mt-3">  
  <input type="text" class="form-control" id="email"  
  placeholder="Enter email" name="email">  
  <label for="email">Email</label>  
</div>
```

```
<div class="form-floating mt-3 mb-3">  
  <input type="text" class="form-control" id="pwd"  
  placeholder="Enter password" name="pswd">  
  <label for="pwd">Password</label>  
</div>
```


# Form Validation

Username:



Please fill out this field.

Password:



Please fill out this field.

☐ I agree on blabla.  
Check this checkbox to continue.

```
<form action="/action_page.php" class="was-validated">
  <div class="mb-3 mt-3">
    <label for="uname" class="form-label">Username:</label>
    <input type="text" class="form-control" id="uname" placeholder="Enter username" name="uname" required>
    <div class="valid-feedback">Valid.</div>
    <div class="invalid-feedback">Please fill out this field.</div>
  </div>
```

# Basic Template

## My First Bootstrap 5 Page

Resize this responsive page to see the effect!

Active Link Link Disabled

### Some Links

Lorem ipsum dolor sit ame.

Active

Link

Link

Disabled

elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco.

### TITLE HEADING

Title description, Sep 2, 2020

Fake Image



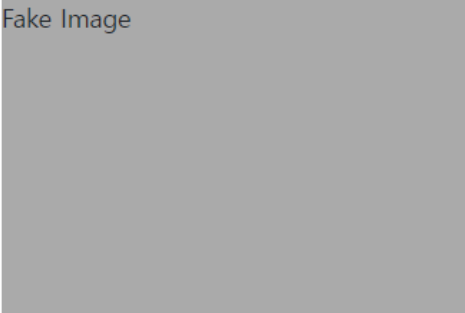
Some text..

Sunt in culpa qui officia deserunt mollit anim id est laborum consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco.

### About Me

Photo of me:

Fake Image



Some text about me in culpa qui officia deserunt mollit anim..

### Some Links

Lorem ipsum dolor sit ame.

Active

...

### TITLE HEADING

Title description, Dec 7, 2020

Fake Image



Some text..

Sunt in culpa qui officia deserunt mollit anim id est laborum consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco.

### TITLE HEADING