

Making life easier with CSS libraries



Popper

Places your tooltip or popover relative to the reference taking into account their sizes, and positions its arrow centered to the reference.

Takes into account the many different contexts it can live in relative to the reference (different offsetParents, different or nested scrolling containers).

Keeps your tooltip or popover in view as best as possible. It prevents it from being clipped or cut off (overflow prevention) and changes the placement if the original does not fit (flipping).

Short demo

See

<https://popper.js.org/>

CDN:

<https://unpkg.com/@popperjs/core@2>

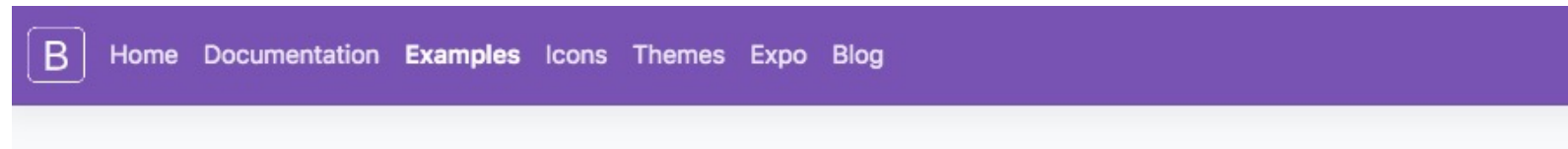
Bootstrap

Quickly design and customize responsive mobile-first sites with Bootstrap, the world's most popular front-end open source toolkit, featuring responsive grid system, extensive prebuilt components, and powerful JavaScript plugins.



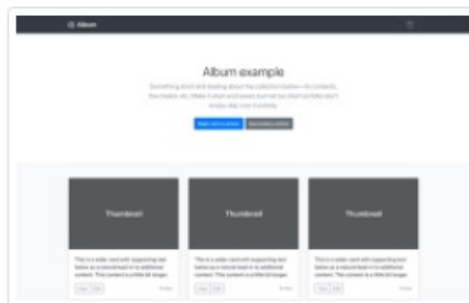
Bootstrap examples

<https://getbootstrap.com/docs/4.5/examples/>



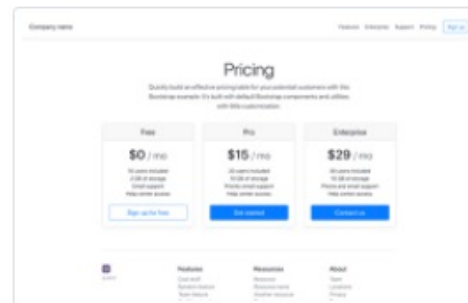
Custom components

Brand new components and templates to help folks quickly get started with Bootstrap and demonstrate best practices for adding o framework.



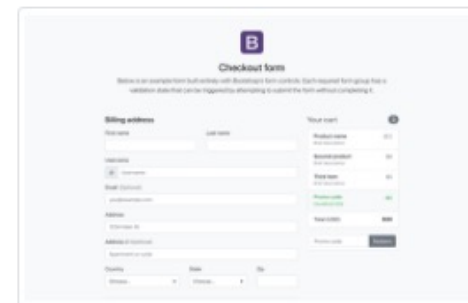
Album

Simple one-page template for photo galleries, portfolios, and more.



Pricing

Example pricing page built with Cards and featuring a custom header and footer.



Checkout

Custom checkout form showing our form components and their validation features.



Inclusion, CDN and starter template

<https://getbootstrap.com/docs/4.5/getting-started/introduction/>

Copy

```
<!doctype html>
<html lang="en">
  <head>
    <!-- Required meta tags -->
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">

    <!-- Bootstrap CSS -->
    <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.0/css/bootstr

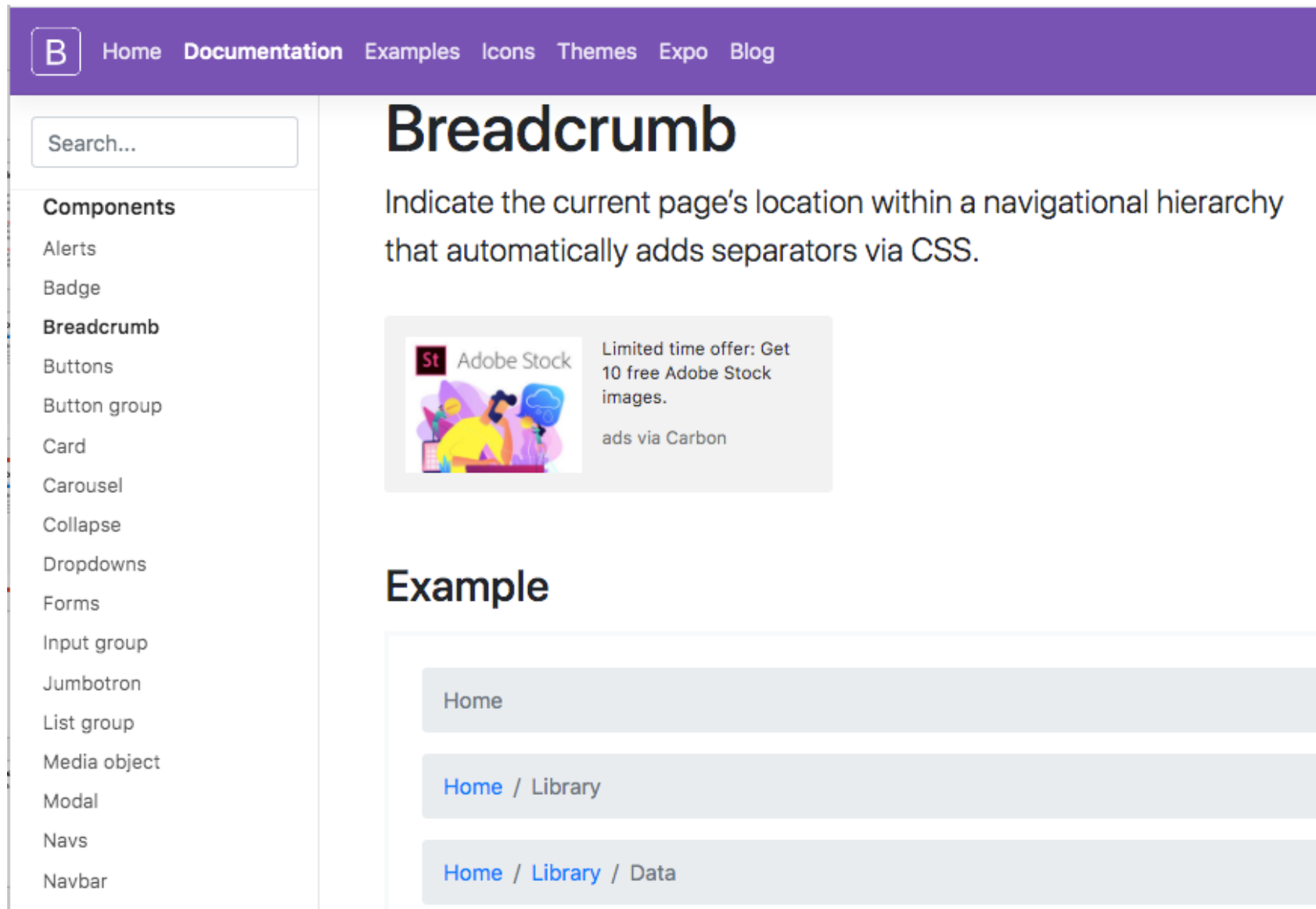
    <title>Hello, world!</title>
  </head>
  <body>
    <h1>Hello, world!</h1>

    <!-- Optional JavaScript -->
    <!-- jQuery first, then Popper.js, then Bootstrap JS -->
    <script src="https://code.jquery.com/jquery-3.5.1.slim.min.js" integrity="sha384-DfXdz2htPH
    <script src="https://cdn.jsdelivr.net/npm/popper.js@1.16.0/dist/umd/popper.min.js" integrit
    <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.0/js/bootstrap.min.js" integr
  </body>
</html>
```



Bootstrap components

<https://getbootstrap.com/docs/4.5/components>



The screenshot shows the Bootstrap documentation page for the Breadcrumb component. The page has a purple header with navigation links: Home, Documentation, Examples, Icons, Themes, Expo, and Blog. A search bar is located in the top left. A sidebar on the left lists various components, with 'Breadcrumb' highlighted. The main content area features the title 'Breadcrumb', a description: 'Indicate the current page's location within a navigational hierarchy that automatically adds separators via CSS.', an advertisement for Adobe Stock, and an 'Example' section showing three breadcrumb examples: 'Home', 'Home / Library', and 'Home / Library / Data'.

B Home Documentation Examples Icons Themes Expo Blog

Search...

Components

- Alerts
- Badge
- Breadcrumb**
- Buttons
- Button group
- Card
- Carousel
- Collapse
- Dropdowns
- Forms
- Input group
- Jumbotron
- List group
- Media object
- Modal
- Navs
- Navbar

Breadcrumb

Indicate the current page's location within a navigational hierarchy that automatically adds separators via CSS.

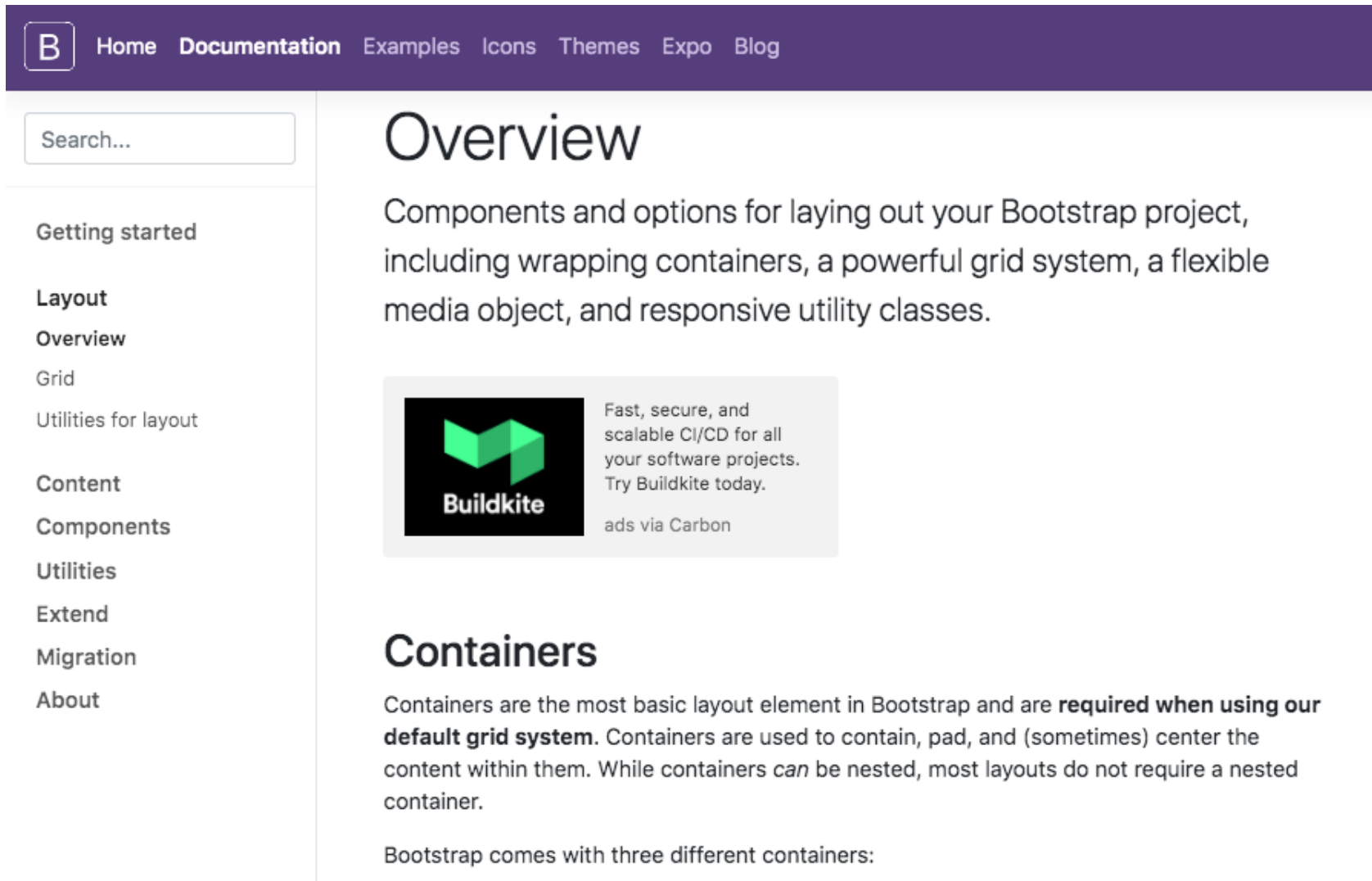
Adobe Stock Limited time offer: Get 10 free Adobe Stock images.
ads via Carbon

Example

- Home
- Home / Library
- Home / Library / Data

Bootstrap layout

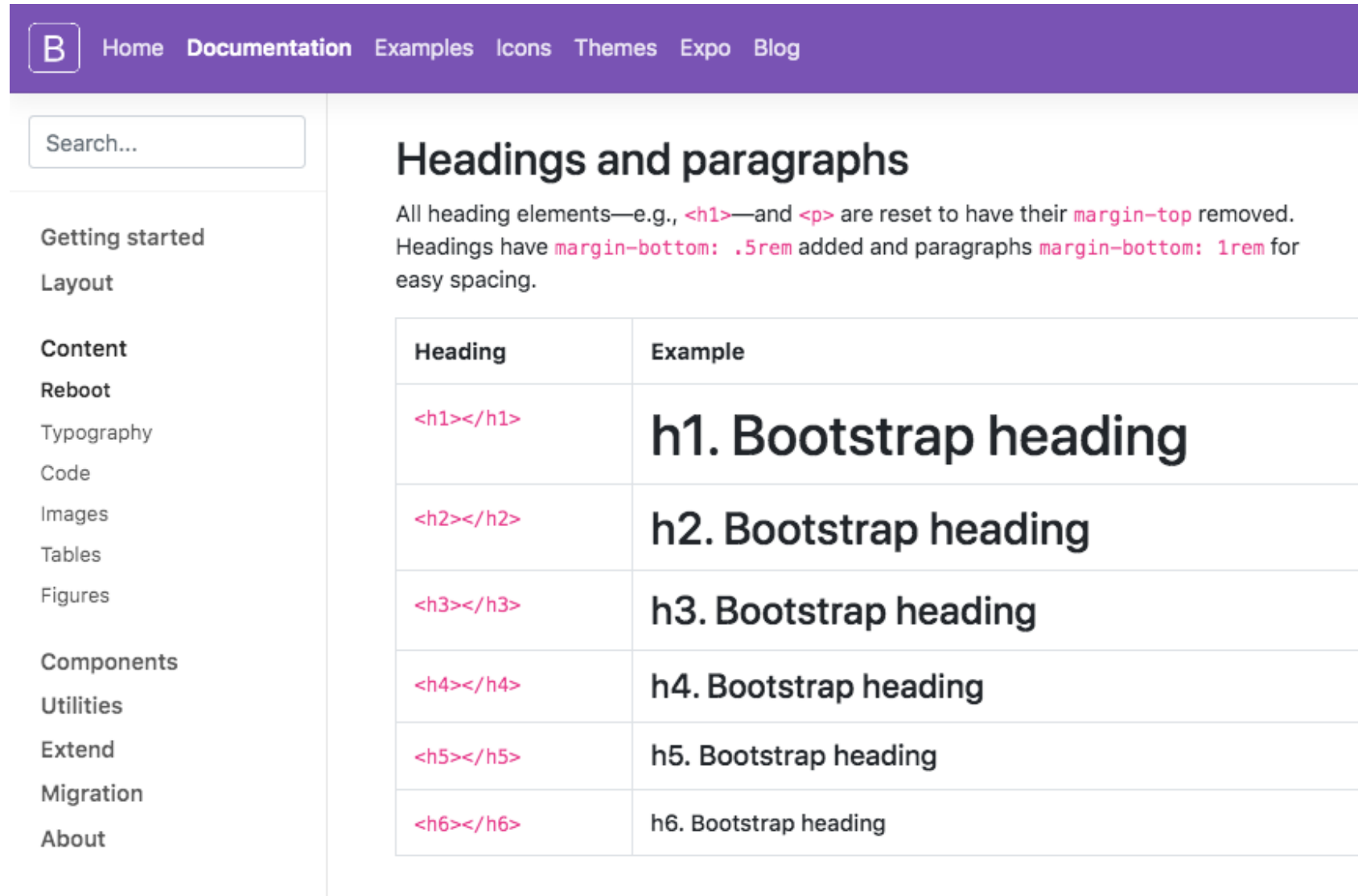
<https://getbootstrap.com/docs/4.4/layout>



The screenshot shows the Bootstrap documentation website. The top navigation bar is dark purple with a white 'B' logo and links for Home, Documentation, Examples, Icons, Themes, Expo, and Blog. A search bar is located below the navigation. The left sidebar contains a list of categories: Getting started, Layout, Overview, Grid, Utilities for layout, Content, Components, Utilities, Extend, Migration, and About. The main content area is titled 'Overview' and contains the following text: 'Components and options for laying out your Bootstrap project, including wrapping containers, a powerful grid system, a flexible media object, and responsive utility classes.' Below this text is an advertisement for Buildkite, featuring a green logo and the text: 'Fast, secure, and scalable CI/CD for all your software projects. Try Buildkite today. ads via Carbon'. Below the advertisement is the 'Containers' section, which starts with the text: 'Containers are the most basic layout element in Bootstrap and are **required when using our default grid system**. Containers are used to contain, pad, and (sometimes) center the content within them. While containers *can* be nested, most layouts do not require a nested container.'

Bootstrap content

<https://getbootstrap.com/docs/4.5/content>



The screenshot shows the Bootstrap documentation page for 'Headings and paragraphs'. The page has a purple navigation bar with a 'B' logo and links for Home, Documentation, Examples, Icons, Themes, Expo, and Blog. A search bar is located below the navigation bar. On the left side, there is a sidebar menu with categories: Getting started, Layout, Content, Reboot, Typography, Code, Images, Tables, Figures, Components, Utilities, Extend, Migration, and About. The main content area is titled 'Headings and paragraphs' and contains a paragraph explaining that all heading elements (e.g., `<h1>`) and paragraphs are reset to have their `margin-top` removed, with `margin-bottom: .5rem` for headings and `margin-bottom: 1rem` for paragraphs. Below this text is a table with two columns: 'Heading' and 'Example'. The table lists heading levels from h1 to h6, showing the corresponding HTML tags and the rendered heading text.

Heading	Example
<code><h1></h1></code>	h1. Bootstrap heading
<code><h2></h2></code>	h2. Bootstrap heading
<code><h3></h3></code>	h3. Bootstrap heading
<code><h4></h4></code>	h4. Bootstrap heading
<code><h5></h5></code>	h5. Bootstrap heading
<code><h6></h6></code>	h6. Bootstrap heading



Bootstrap icons

<https://icons.getbootstrap.com/>

Icons



Alarm fill



Alarm



Alt



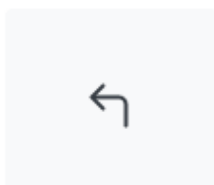
App indicator



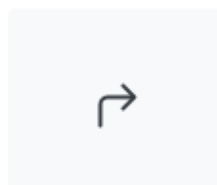
App



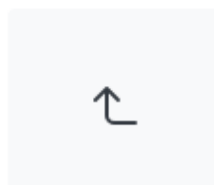
Archive fill



Arrow 90deg left



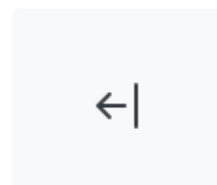
Arrow 90deg right



Arrow 90deg up



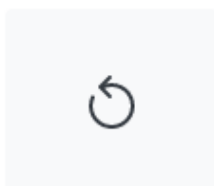
Arrow bar down



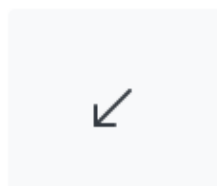
Arrow bar left



Arrow bar right



Arrow



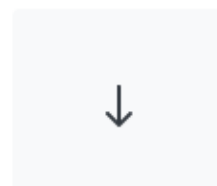
Arrow down left



Arrow down right



Arrow down short



Arrow down



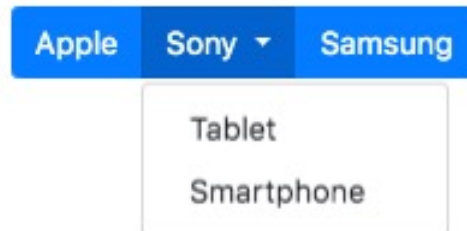
Arrow left right

Example 1: Button groups & dropdowns

```
<div class="container">
  <h2>Nesting Button Groups</h2>
  <p>Nest button groups to create dropdown menus:</p>
  <div class="btn-group">
    <button type="button" class="btn btn-primary">Apple</button>
    <div class="btn-group">
      <button type="button" class="btn btn-primary dropdown-toggle" data-toggle="dropdown">
        Sony
      </button>
      <div class="dropdown-menu">
        <a class="dropdown-item" href="#">Tablet</a>
        <a class="dropdown-item" href="#">Smartphone</a>
      </div>
    </div>
    <button type="button" class="btn btn-primary">Samsung</button>
  </div>
</div>
</body>
</html>
```

Nesting Button Groups

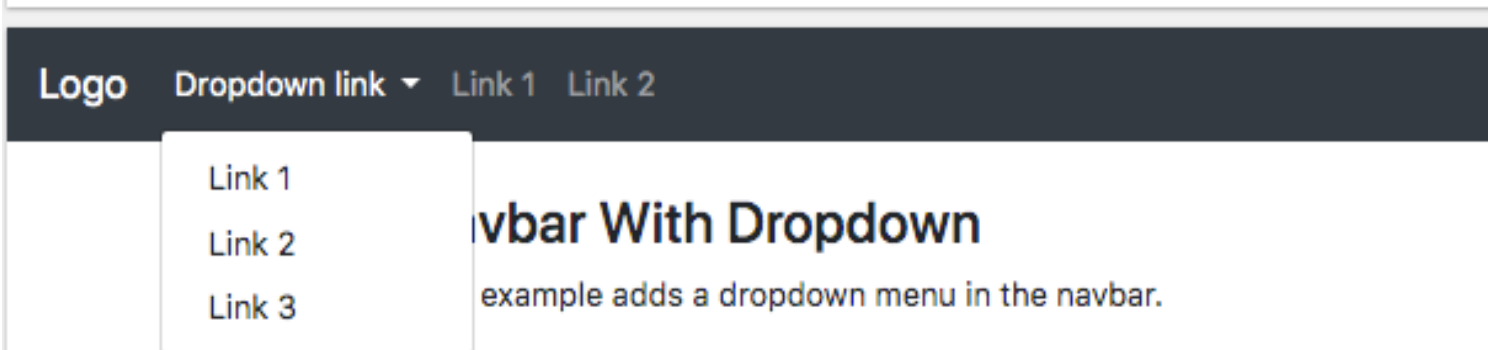
Nest button groups to create dropdown menus:



Example 2: Navigation bar & dropdown

```
<li class="nav-item dropdown" >
  <a class="nav-link dropdown-toggle" href="#" id="navbardrop" data-toggle="dropdown">
    Dropdown link
  </a>
  <div class="dropdown-menu">
    <a class="dropdown-item" href="#">Link 1</a>
    <a class="dropdown-item" href="#">Link 2</a>
    <a class="dropdown-item" href="#">Link 3</a>
  </div>
</li>
<li class="nav-item">
  <a class="nav-link" href="#">Link 1</a>
</li>
<li class="nav-item">
  <a class="nav-link" href="#">Link 2</a>
</li>
</ul>
</nav>
<br>

<div class="container">
  <h3>Navbar With Dropdown</h3>
  <p>This example adds a dropdown menu in the navbar.</p>
</div>
```



Example 3: Carousel

```
</body>
<div id="demo" class="carousel slide" data-ride="carousel">
  <!-- Indicators -->
  <ul class="carousel-indicators">
    <li data-target="#demo" data-slide-to="0" class="active"></li>
    <li data-target="#demo" data-slide-to="1"></li>
    <li data-target="#demo" data-slide-to="2"></li>
  </ul>
  <!-- The slideshow -->
  <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 -->
  <a class="carousel-control-prev" href="#demo" data-slide="prev">
    <span class="carousel-control-prev-icon"></span>
  </a>
  <a class="carousel-control-next" href="#demo" data-slide="next">
    <span class="carousel-control-next-icon"></span>
  </a>
</div>
</body>
```



Example 4: Containers, rows, images

```
<body>

<div class="container-fluid">
  <div class="row">
    <div class="col-sm-3" style="background-color:lavender;"><div class="container">
      <h2>Rounded Corners</h2>
      
    </div></div>
    <div class="col-sm-3" style="background-color:lavenderblush;"><div class="container">
      <h2>Circle</h2>
      
    </div></div>
  </div>
</div>

</body>
</html>
```

Rounded Corners



Circle



If you want to practice...

- <https://www.w3schools.com/bootstrap4/default.asp>

The screenshot shows the W3Schools website with the 'BOOTSTRAP' menu item highlighted. The main content area is titled 'Bootstrap 4 Tutorial' and includes a 'Home' button, a green banner with text about Bootstrap 4, and a 'Start learning Bootstrap 4 now' button. Below this is a 'Try it Yourself Examples' section with a description and a preview of a Bootstrap page.

W3SCHOOLS.COM THE

HTML CSS JAVASCRIPT SQL PYTHON PHP **BOOTSTRAP** HOW TO W3.CSS JQUERY M

Bootstrap 4 Tutorial

BS4 HOME

- BS4 Get Started
- BS4 Containers
- BS4 Grid Basic
- BS4 Typography
- BS4 Colors
- BS4 Tables
- BS4 Images
- BS4 Jumbotron
- BS4 Alerts
- BS4 Buttons
- BS4 Button Groups
- BS4 Badges
- BS4 Progress Bars
- BS4 Spinners
- BS4 Pagination
- BS4 List Groups
- BS4 Cards
- BS4 Dropdowns
- BS4 Collapse
- BS4 Navs
- BS4 Navbar
- BS4 Forms
- BS4 Inputs
- BS4 Input Groups

Bootstrap 4 Tutorial

[< Home](#)

Bootstrap 4 is the newest version of [Bootstrap](#), which is the most popular HTML, CSS, and JavaScript framework for creating responsive, mobile-first websites.

Bootstrap 4 is completely free to download and use!

[Start learning Bootstrap 4 now >](#)

Try it Yourself Examples

This Bootstrap 4 tutorial contains hundreds of Bootstrap 4 examples.

With our online editor, you can edit the code, and click on a button to view the result.

My First Bootstrap Page

My First Bootstrap Page