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- Toggle theme
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[New! Never-Ending Support for Bootstrap](#) →

Build fast, responsive sites with Bootstrap

Powerful, extensible, and feature-packed frontend toolkit. Build and customize with Sass, utilize prebuilt grid system and components, and bring projects to life with powerful JavaScript plugins.

`npm i bootstrap@5.3.3`

[Read the docs](#)

Currently **v5.3.3** · [Download](#) · [All releases](#)

Get started any way you want

Jump right into building with Bootstrap—use the CDN, install it via package manager, or download the source code.

[Read installation docs](#)

Install via package manager

Install Bootstrap’s source Sass and JavaScript files via npm, RubyGems, Composer, or Meteor. Package managed installs don’t include documentation or our full build scripts. You can also [use any demo from our Examples repo](#) to quickly jumpstart Bootstrap projects.

`npm install bootstrap@5.3.3`

`gem install bootstrap -v 5.3.3`

[Read our installation docs](#) for more info and additional package managers.

Include via CDN

When you only need to include Bootstrap’s compiled CSS or JS, you can use [jsDelivr](#). See it in action with our simple [quick start](#), or [browse the examples](#) to jumpstart your next project. You can also choose to include Popper and our JS [separately](#).

<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-QWTKZyjpPEjISv5WaRU90FeRpok6YctnYmDr5pNlyT2bRjXh0JMhY6hW+
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Read our getting started guides

Get a jump on including Bootstrap's source files in a new project with our official guides.



Customize everything with Sass

Bootstrap utilizes Sass for a modular and customizable architecture. Import only the components you need, enable global options like gradients and shadows, and write your own CSS with our variables, maps, functions, and mixins.

[Learn more about customizing](#)

Include all of Bootstrap’s Sass

Import one stylesheet and you’re off to the races with every feature of our CSS.

```
// Variable overrides first
$primary: #900;
$enable-shadows: true;
$prefix: "mo-";

// Then import Bootstrap
@import "../node_modules/bootstrap/scss/bootstrap";
```

Learn more about our [global Sass options](#).

Include what you need

The easiest way to customize Bootstrap—include only the CSS you need.

```
// Functions first
@import "../node_modules/bootstrap/scss/functions";

// Variable overrides second
$primary: #900;
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// Required Bootstrap imports
@import "../node_modules/bootstrap/scss/variables";
@import "../node_modules/bootstrap/scss/variables-dark";
@import "../node_modules/bootstrap/scss/maps";
@import "../node_modules/bootstrap/scss/mixins";
@import "../node_modules/bootstrap/scss/root";

// Optional components
@import "../node_modules/bootstrap/scss/utilities";
@import "../node_modules/bootstrap/scss/reboot";
@import "../node_modules/bootstrap/scss/containers";
@import "../node_modules/bootstrap/scss/grid";
@import "../node_modules/bootstrap/scss/helpers";
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```

Learn more about [using Bootstrap with Sass](#).

Build and extend in real-time with CSS variables

Bootstrap 5 is evolving with each release to better utilize CSS variables for global theme styles, individual components, and even utilities. We provide dozens of variables for colors, font styles, and more at a `:root` level for use anywhere. On components and utilities, CSS variables are scoped to the relevant class and can easily be modified.

[Learn more about CSS variables](#)

Using CSS variables

Use any of our [global :root variables](#) to write new styles. CSS variables use the `var(--bs-variableName)` syntax and can be inherited by children elements.

```
.component {
  color: var(--bs-gray-800);
  background-color: var(--bs-gray-100);
  border: 1px solid var(--bs-gray-200);
  border-radius: .25rem;
}

.component-header {
  color: var(--bs-purple);
}
```

Customizing via CSS variables

Override global, component, or utility class variables to customize Bootstrap just how you like. No need to redeclare each rule, just a new variable value.

```
body {
  --bs-body-font-family: var(--bs-font-monospace);
  --bs-body-line-height: 1.4;
  --bs-body-bg: var(--bs-gray-100);
}

.table {
  --bs-table-color: var(--bs-gray-600);
  --bs-table-bg: var(--bs-gray-100);
  --bs-table-border-color: transparent;
}
```

Components, meet the Utility API

New in Bootstrap 5, our utilities are now generated by our [Utility API](#). We built it as a feature-packed Sass map that can be quickly and easily customized. It's never been easier to add, remove, or modify any utility classes. Make utilities responsive, add pseudo-class variants, and give them custom names.

Quickly customize components

Apply any of our included utility classes to our components to customize their appearance, like the navigation example below. There are hundreds of classes available—from [positioning](#) and [sizing](#) to [colors](#) and [effects](#). Mix them with CSS variable overrides for even more control.

- Home
- Profile
- Contact
- Home
- Profile
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```
<ul class="nav nav-pills nav-fill gap-2 p-1 small bg-primary rounded-5 shadow-sm" id="pillNav2" role="tablist" style="--bs-nav-link-color: var(--bs-white); --bs-nav-pills-link-ac<li class="nav-item" role="presentation"><button class="nav-link active rounded-5" id="home-tab2" data-bs-toggle="tab" type="button" role="tab" aria-selected="true">Home</button></li><li class="nav-item" role="presentation"><button class="nav-link rounded-5" id="profile-tab2" data-bs-toggle="tab" type="button" role="tab" aria-selected="false">Profile</button></li><li class="nav-item" role="presentation"><button class="nav-link rounded-5" id="contact-tab2" data-bs-toggle="tab" type="button" role="tab" aria-selected="false">Contact</button></li></ul>
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[Explore customized components](#)

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Use Bootstrap's utility API to modify any of our included utilities or create your own custom utilities for any project. Import Bootstrap first, then use Sass map functions to modify, add, or remove utilities.

```
@import "bootstrap/scss/bootstrap";

$utilities: map-merge(
  $utilities,
  (
    "cursor": (
      property: cursor,
      class: cursor,
      responsive: true,
      values: auto pointer grab,
    )
  )
);
```

[Explore the utility API](#)

Powerful JavaScript plugins without jQuery

Add toggleable hidden elements, modals and offcanvas menus, popovers and tooltips, and so much more—all without jQuery. Bootstrap's JavaScript is HTML-first, meaning most plugins are added with `data-` attributes in your HTML. Need more control? Include individual plugins programmatically.

[Learn more about Bootstrap JavaScript](#)

Data attribute API

Why write more JavaScript when you can write HTML? Nearly all of Bootstrap's JavaScript plugins feature a first-class data API, allowing you to use JavaScript just by adding `data-` attributes.

Dropdown

• Dropdown item

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<div class="dropdown"><button class="btn btn-primary dropdown-toggle" type="button" data-bs-toggle="dropdown" aria-expanded="false">Dropdown</button><ul class="dropdown-menu"><button class="dropdown-item" type="button">Dropdown item</button><button class="dropdown-item" type="button">Dropdown item</button><button class="dropdown-item" type="button">Dropdown item</button></div>

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Bootstrap features a dozen plugins that you can drop into any project. Drop them in all at once, or choose just the ones you need.

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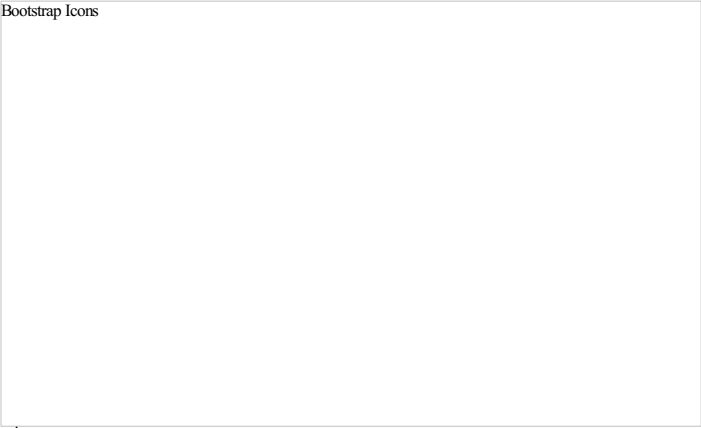
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[Get Bootstrap Icons](#)



Make it yours with official Bootstrap Themes

Take Bootstrap to the next level with premium themes from the [official Bootstrap Themes marketplace](#). Themes are built on Bootstrap as their own extended frameworks, rich with new components and plugins, documentation, and powerful build tools.

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- Dropdown item
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```
<div class="dropdown">
  <button class="btn btn-primary dropdown-toggle" type="button" data-bs-toggle="dropdown" aria-expanded="false">
    Dropdown
  </button>
  <ul class="dropdown-menu">
    <li><button class="dropdown-item" type="button">Dropdown item</button></li>
    <li><button class="dropdown-item" type="button">Dropdown item</button></li>
    <li><button class="dropdown-item" type="button">Dropdown item</button></li>
  </ul>
</div>
```

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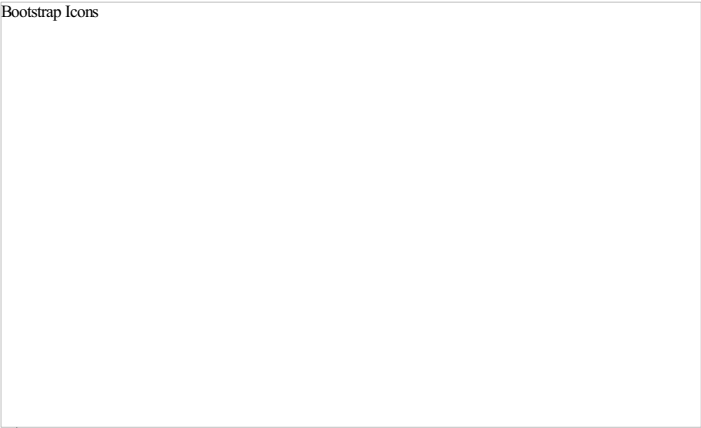
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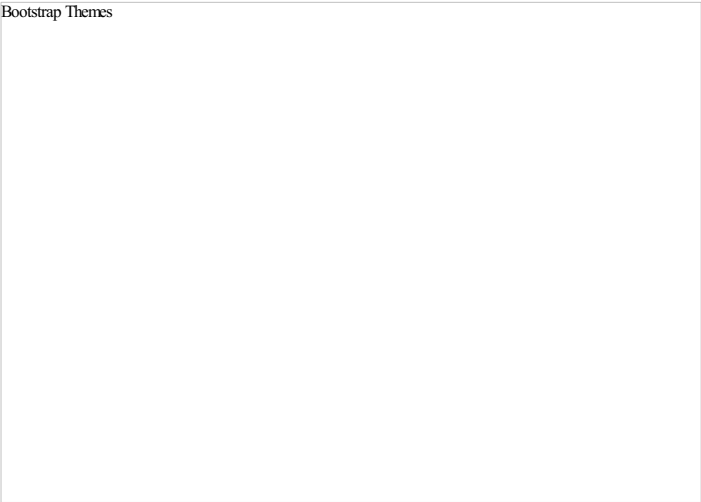
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Bootstrap is a powerful, feature-packed frontend toolkit. Build anything—from prototype to production—in minutes.

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Quick start

Get started by including Bootstrap’s production-ready CSS and JavaScript via CDN without the need for any build steps. See it in practice with this [Bootstrap CodePen demo](#).

- Create a new `index.html` file in your project root.** Include the `<meta name="viewport">` tag as well for [proper responsive behavior](#) in mobile devices.

```
<!doctype html>
<html lang="en">
  <head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>Bootstrap demo</title>
  </head>
  <body>
    <h1>Hello, world!</h1>
  </body>
</html>
```

- Include Bootstrap’s CSS and JS.** Place the `<link>` tag in the `<head>` for our CSS, and the `<script>` tag for our JavaScript bundle (including Popper for positioning dropdowns, poppers, and tooltips) before the closing `</body>`. [Learn more about our CDN links](#).

```
<!doctype html>
<html lang="en">
  <head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>Bootstrap demo</title>
    <link href="https://cdn.jsdelivrivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-QWTKZyjpPEjISv5WaRU90FeRpok6YctnYmDr5pNlyT2bRjXh0."
  </head>
  <body>
    <h1>Hello, world!</h1>
    <script src="https://cdn.jsdelivrivr.net/npm/bootstrap@5.3.3/dist/js/bootstrap.bundle.min.js" integrity="sha384-YvpcrYf0tY3lHB60NNkmXc5s9fDVZLESaAA55NDzOxhy9GkcIdslK1eN7N6j."
  </body>
</html>
```

You can also include [Popper](#) and our JS separately. If you don’t plan to use dropdowns, popovers, or tooltips, save some kilobytes by not including Popper.

```
<script src="https://cdn.jsdelivrivr.net/npm/@popperjs/core@2.11.8/dist/umd/popper.min.js" integrity="sha384-I7E8VVD/ismYTF4hNIPjVp/Zjvgyol6VFvRkX/vR+Vc4jQkC+hVqc2pM80Dewa9r" c:
<script src="https://cdn.jsdelivrivr.net/npm/bootstrap@5.3.3/dist/js/bootstrap.min.js" integrity="sha384-0pUGZvbkm6XF6gxjEnlmuGrJXVbNuzT9qBBavbLwCsOGabYfZ0oT0to5eqruptLy" crossc
```

- Hello, world!** Open the page in your browser of choice to see your Bootstrapped page. Now you can start building with Bootstrap by creating your own [layout](#), adding dozens of [components](#), and utilizing [our official examples](#).

CDN links

As reference, here are our primary CDN links.

Description	URL
CSS	<code>https://cdn.jsdelivrivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css</code>
JS	<code>https://cdn.jsdelivrivr.net/npm/bootstrap@5.3.3/dist/js/bootstrap.bundle.min.js</code>

You can also use the CDN to fetch any of our [additional builds listed in the Contents page](#).

Next steps

- Read a bit more about some [important global environment settings](#) that Bootstrap utilizes.
- Read about what’s included in Bootstrap in our [contents section](#) and the list of [components that require JavaScript](#) below.
- Need a little more power? Consider building with Bootstrap by [including the source files via package manager](#).
- Looking to use Bootstrap as a module with `<script type="module">`? Please refer to our [using Bootstrap as a module](#) section.

JS components

Curious which components explicitly require our JavaScript and Popper? If you’re at all unsure about the general page structure, keep reading for an example page template.

- Alerts for dismissing
- Buttons for toggling states and checkbox/radio functionality
- Carousel for all slide behaviors, controls, and indicators
- Collapse for toggling visibility of content
- Dropdowns for displaying and positioning (also requires [Popper](#))
- Modals for displaying, positioning, and scroll behavior
- Navbar for extending our Collapse and Offcanvas plugins to implement responsive behaviors
- Navs with the Tab plugin for toggling content panes
- Offcanvases for displaying, positioning, and scroll behavior
- Scrollspy for scroll behavior and navigation updates
- Toasts for displaying and dismissing
- Tooltips and popovers for displaying and positioning (also requires [Popper](#))

Important globals

Bootstrap employs a handful of important global styles and settings, all of which are almost exclusively geared towards the *normalization* of cross browser styles. Let’s dive in.

HTML5 doctype

Bootstrap requires the use of the HTML5 doctype. Without it, you’ll see some funky and incomplete styling.

```
<!doctype html>
<html lang="en">
  ...
</html>
```

Viewport meta

Bootstrap is developed *mobile first*, a strategy in which we optimize code for mobile devices first and then scale up components as necessary using CSS media queries. To ensure proper rendering and touch zooming for all devices, add the responsive viewport meta tag to your `<head>`.

```
<meta name="viewport" content="width=device-width, initial-scale=1">
```

You can see an example of this in action in the [quick start](#).

Box-sizing

For more straightforward sizing in CSS, we switch the global `box-sizing` value from `content-box` to `border-box`. This ensures `padding` does not affect the final computed width of an element, but it can cause problems with some third-party software like Google Maps and Google Custom Search Engine.

On the rare occasion you need to override it, use something like the following:

```
.selector-for-some-widget {
  box-sizing: content-box;
}
```

With the above snippet, nested elements—including generated content via `::before` and `::after`—will all inherit the specified `box-sizing` for that `.selector-for-some-widget`.

Learn more about [box model and sizing at CSS Tricks](#).

Reboot

For improved cross-browser rendering, we use [Reboot](#) to correct inconsistencies across browsers and devices while providing slightly more opinionated resets to common HTML elements.

Community

Stay up-to-date on the development of Bootstrap and reach out to the community with these helpful resources.

- Read and subscribe to [The Official Bootstrap Blog](#).
- Ask questions and explore [our GitHub Discussions](#).
- Discuss, ask questions, and more on [the community Discord](#) or [Bootstrap subreddit](#).
- Chat with fellow Bootstrappers in IRC. On the `irc.libera.chat` server, in the `#bootstrap` channel.
- Implementation help may be found at Stack Overflow (tagged [bootstrap-5](#)).
- Developers should use the keyword `bootstrap` on packages that modify or add to the functionality of Bootstrap when distributing through [npm](#) or similar delivery mechanisms for maximum discoverability.

You can also follow [@getbootstrap on Twitter](#) for the latest gossip and awesome music videos.



- Designed and built with all the love in the world by the [Bootstrap team](#) with the help of [our contributors](#).
- Code licensed [MIT](#), docs [CC BY 3.0](#).
- Currently v5.3.3.

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- Bootstrap Bootstrap v5.3 (switch to other versions)
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- [v5.1.3](#)
- [v5.0.2](#)
-

- Previous releases

- [v4.6.x](#)
- [v3.4.1](#)
- [v2.3.2](#)
-

- [All versions](#)

-

- Toggle theme

Light

Dark

Auto

Examples

Quickly get a project started with any of our examples ranging from using parts of the framework to custom components and layouts.

[Download examples](#) [Download source code](#)

Starters

Functional examples of using Bootstrap in common JS frameworks like Webpack, Parcel, Vite, and more you can edit in StackBlitz.

CDN starter

Instantly include Bootstrap's compiled CSS and JavaScript via the jsDelivr CDN.

[Edit in StackBlitz](#)

Sass & JS

Use npm to import and compile Bootstrap's Sass with Autoprefixer and Stylelint, plus our bundled JavaScript.

[Edit in StackBlitz](#)

Sass & ESM JS

Import and compile Bootstrap's Sass with Autoprefixer and Stylelint, and compile our source JavaScript with an ESM shim.

[Edit in StackBlitz](#)

Bootstrap color modes

Import and compile Bootstrap's Sass with Stylelint, and the Bootstrap color modes.

[Edit in StackBlitz](#)

Bootstrap Icons

Import and compile Bootstrap's Sass with Stylelint, PurgeCSS, and the Bootstrap Icons web font.

[Edit in StackBlitz](#)

Parcel

Import and bundle Bootstrap's source Sass and JavaScript via Parcel.

[Edit in StackBlitz](#)

React

Import and bundle Bootstrap's source Sass and JavaScript with React, Next.js, and React Bootstrap.

[Edit in StackBlitz](#)

Vite

Import and bundle Bootstrap's source Sass and JavaScript with Vite.

[Edit in StackBlitz](#)

Vue

Import and bundle Bootstrap's source Sass and JavaScript with Vue and Vite.

[Edit in StackBlitz](#)

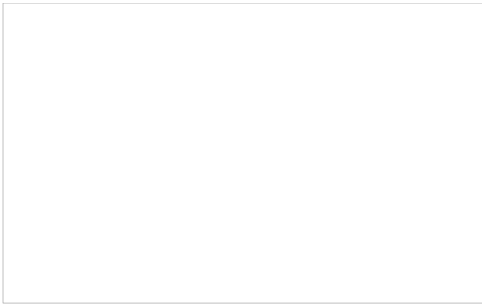
Webpack

Import and bundle Bootstrap's source Sass and JavaScript with Webpack.

[Edit in StackBlitz](#)

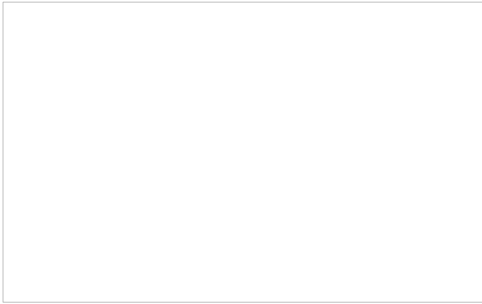
Snippets

Common patterns for building sites and apps that build on existing components and utilities with custom CSS and more.



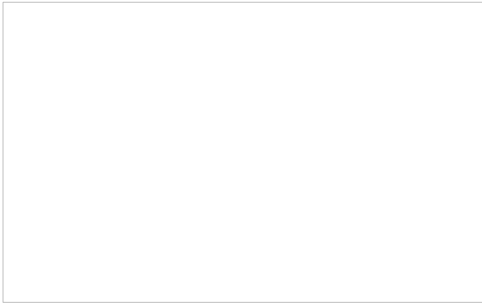
Headers

Display your branding, navigation, search, and more with these header components



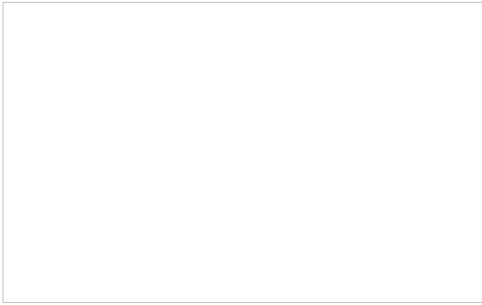
Heroes

Set the stage on your homepage with heroes that feature clear calls to action.



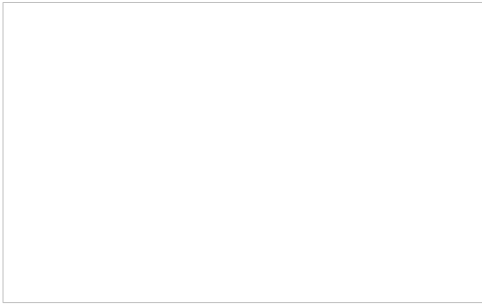
Features

Explain the features, benefits, or other details in your marketing content.



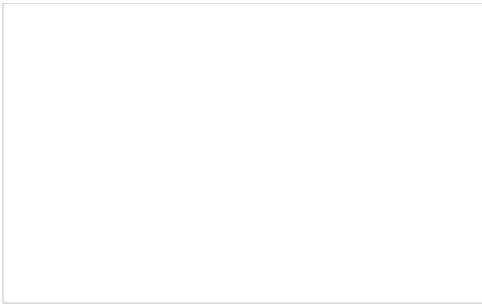
Sidebars

Common navigation patterns ideal for offcanvas or multi-column layouts.



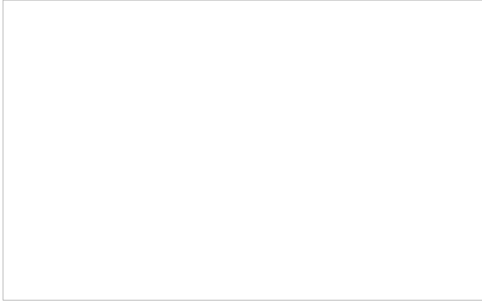
Footers

Finish every page strong with an awesome footer, big or small.



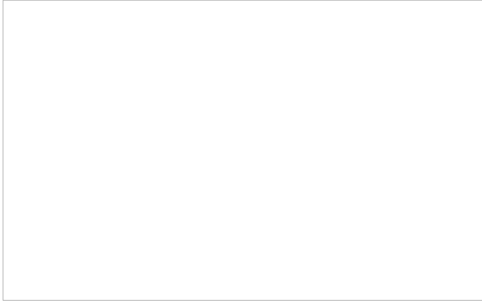
[Dropdowns](#)

Enhance your dropdowns with filters, icons, custom styles, and more.



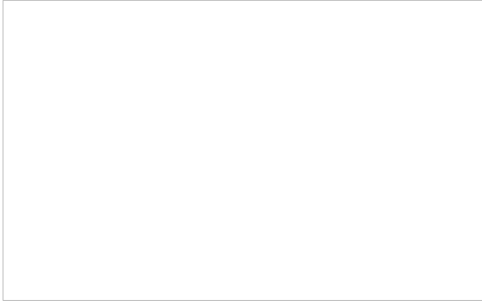
[List groups](#)

Extend list groups with utilities and custom styles for any content.



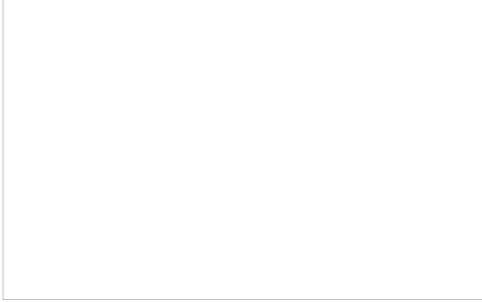
[Modals](#)

Transform modals to serve any purpose, from feature tours to dialogs.



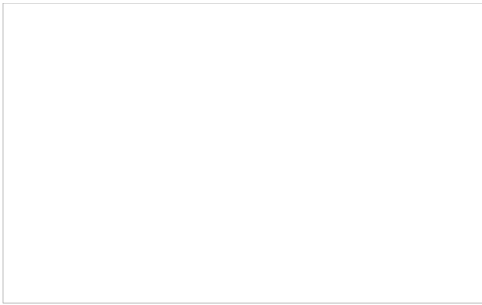
[Badges](#)

Make badges work with custom inner HTML and new looks.



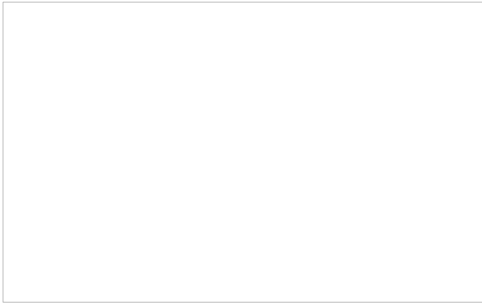
[Breadcrumbs](#)

Integrate custom icons and create stepper components.



[Buttons](#)

Create custom buttons for just about any use case with utilities.

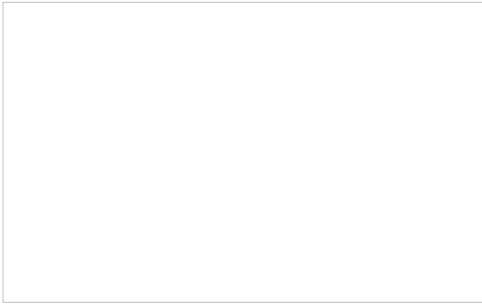


[Jumbotrons](#)

Create modernized versions of the classic Bootstrap component.

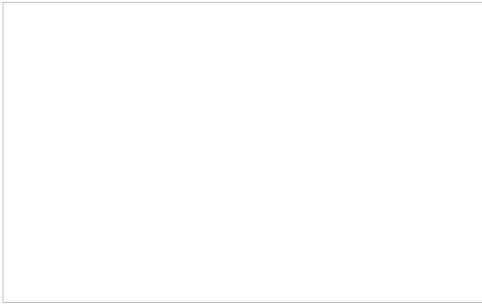
Custom Components

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



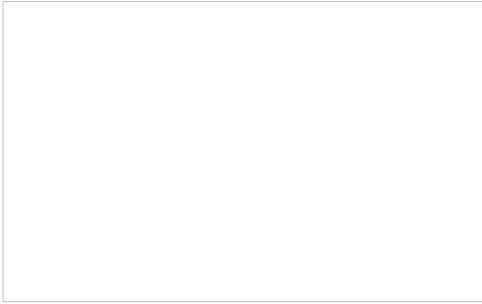
[Album](#)

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



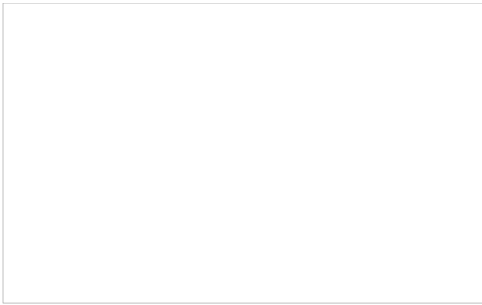
[Pricing](#)

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



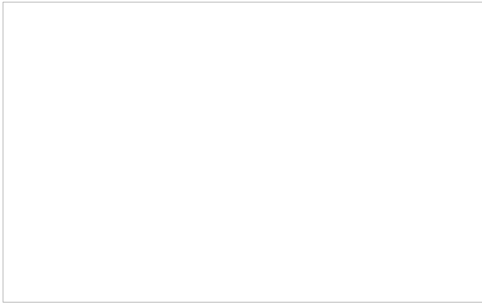
[Checkout](#)

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



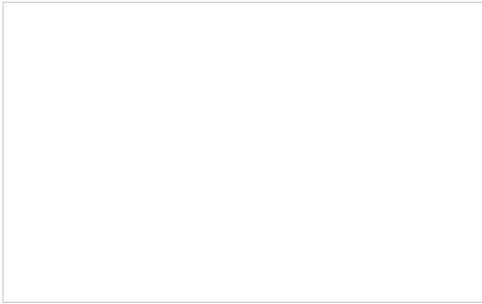
[Product](#)

Lean product-focused marketing page with extensive grid and image work.



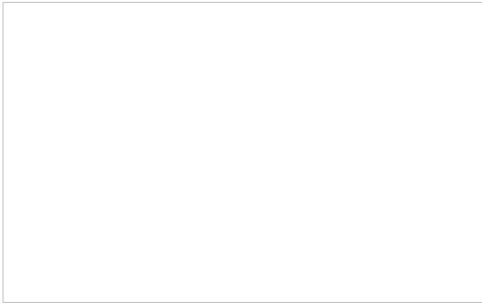
[Cover](#)

A one-page template for building simple and beautiful home pages.



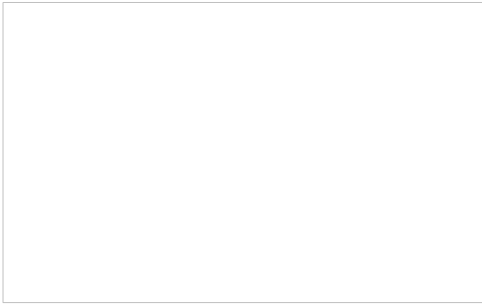
[Carousel](#)

Customize the navbar and carousel, then add some new components.



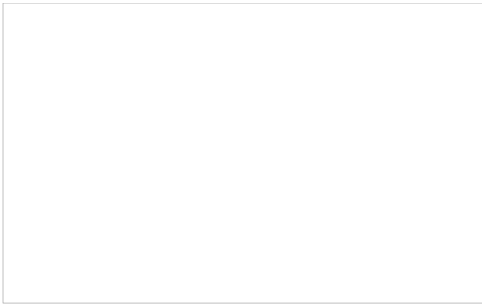
[Blog](#)

Magazine like blog template with header, navigation, featured content.



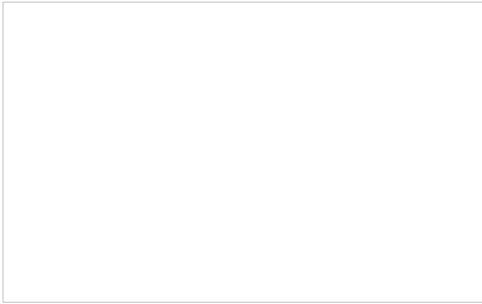
[Dashboard](#)

Basic admin dashboard shell with fixed sidebar and navbar.



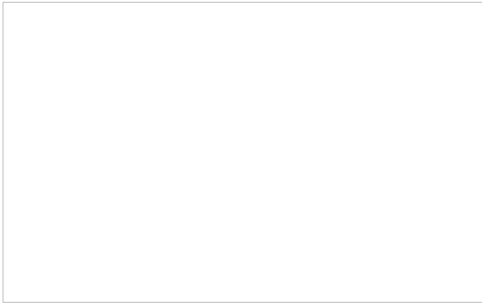
[Sign-in](#)

Custom form layout and design for a simple sign in form.



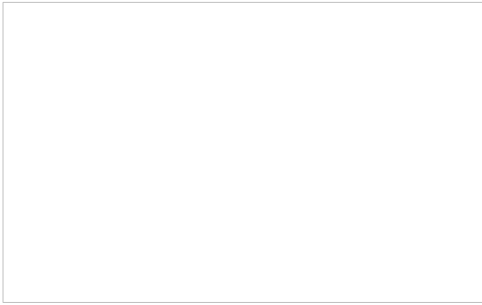
[Sticky footer](#)

Attach a footer to the bottom of the viewport when page content is short.



[Sticky footer navbar](#)

Attach a footer to the bottom of the viewport with a fixed top navbar.

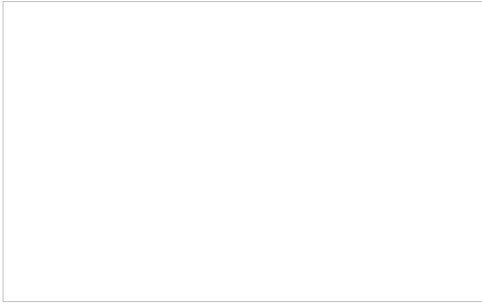


[Jumbotron](#)

Use utilities to recreate and enhance Bootstrap 4's jumbotron.

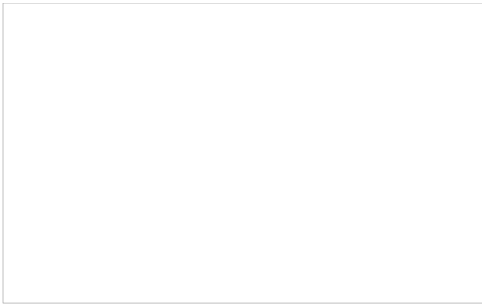
Framework

Examples that focus on implementing uses of built-in components provided by Bootstrap.



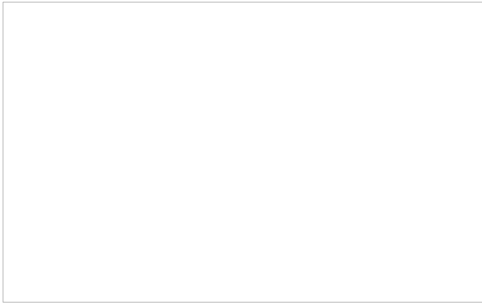
[Starter template](#)

Nothing but the basics: compiled CSS and JavaScript.



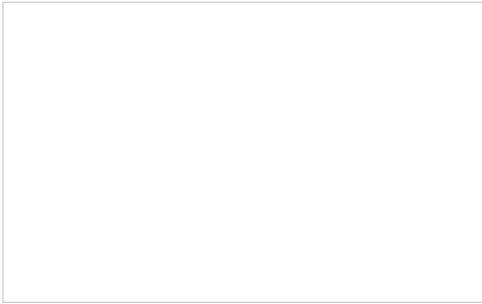
[Grid](#)

Multiple examples of grid layouts with all four tiers, nesting, and more.



[Cheatsheet](#)

Kitchen sink of Bootstrap components.

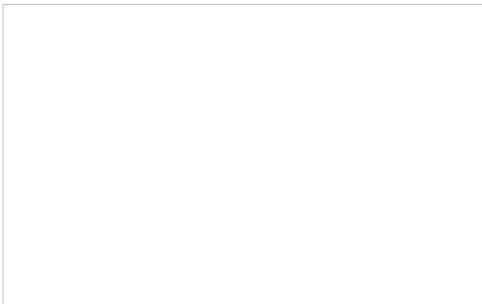


[Cheatsheet RTL](#)

Kitchen sink of Bootstrap components, RTL.

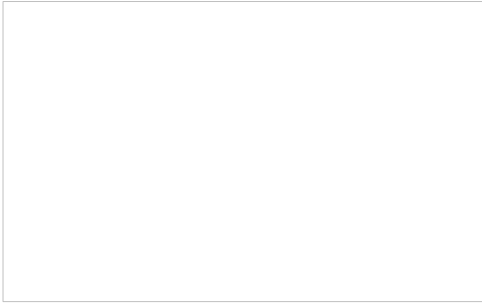
Navbars

Taking the default navbar component and showing how it can be moved, placed, and extended.



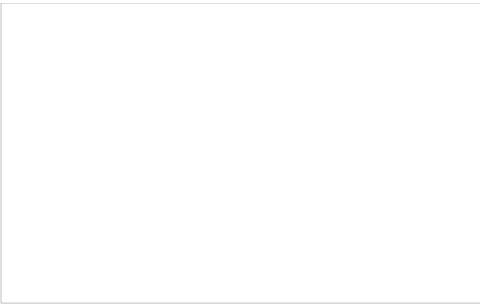
[Navbars](#)

Demonstration of all responsive and container options for the navbar.



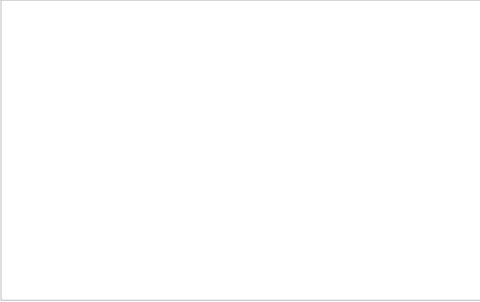
[Navbars offcanvas](#)

Same as the Navbars example, but with our offcanvas component.



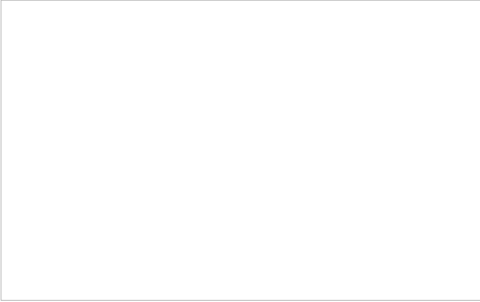
[Navbar static](#)

Single navbar example of a static top navbar along with some additional content.



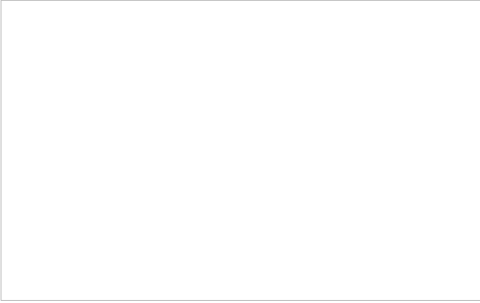
[Navbar fixed](#)

Single navbar example with a fixed top navbar along with some additional content.



[Navbar bottom](#)

Single navbar example with a bottom navbar along with some additional content.



[Offcanvas navbar](#)

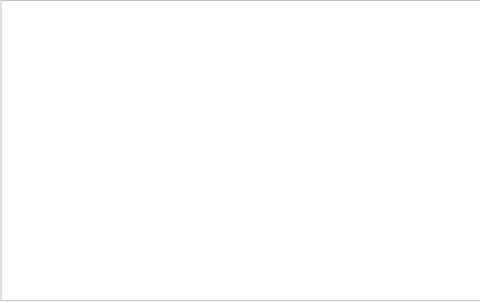
Turn your expandable navbar into a sliding offcanvas menu (doesn't use our offcanvas component).

RTL

See Bootstrap's RTL version in action with these modified Custom Components examples.

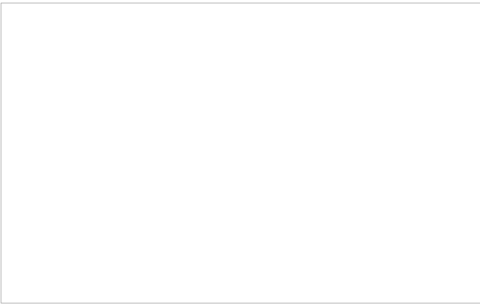
RTL is still experimental and will evolve with feedback. Spotted something or have an improvement to suggest?

[Please open an issue.](#)



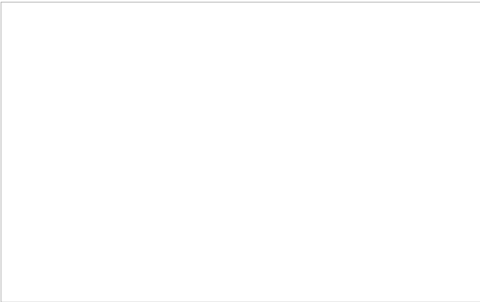
[Album RTL](#)

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



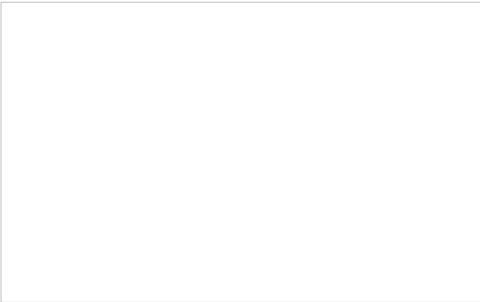
[Checkout RTL](#)

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



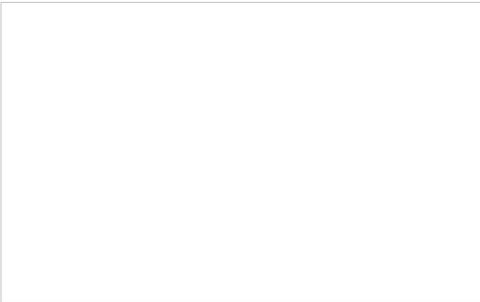
[Carousel RTL](#)

Customize the navbar and carousel, then add some new components.



[Blog RTL](#)

Magazine like blog template with header, navigation, featured content.

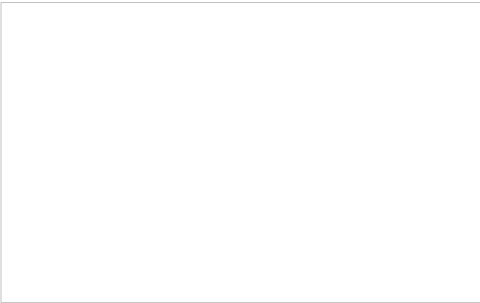


[Dashboard RTL](#)

Basic admin dashboard shell with fixed sidebar and navbar.

Integrations

Integrations with external libraries.



[Masonry](#)

Combine the powers of the Bootstrap grid and the Masonry layout.



Go further with Bootstrap Themes

Need something more than these examples? Take Bootstrap to the next level with premium themes from the [official Bootstrap Themes marketplace](#). They're built as their own extended frameworks, rich with new components and plugins, documentation, and powerful build tools.

[Browse themes](#)

Bootstrap Themes



- Designed and built with all the love in the world by the [Bootstrap team](#) with the help of [our contributors](#).
- Code licensed [MIT](#), docs [CC BY 3.0](#).
- Currently v5.3.3.

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Bootstrap 3 has reached end of life. [Upgrade to the latest](#) or consider [Never-Ending Support](#) for your project

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 -
 - [v3.4.1](#)
 - [v3.3.7](#)
 - [v2.3.2](#)
- [Themes](#)
- [Expo](#)
- [Blog](#)

B

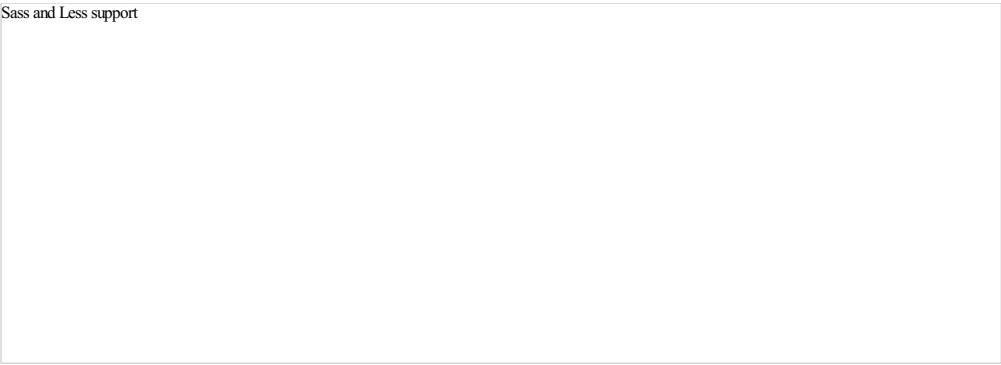
Bootstrap is the most popular HTML, CSS, and JS framework for developing responsive, mobile first projects on the web.

[Download Bootstrap](#)

Currently v3.4.1

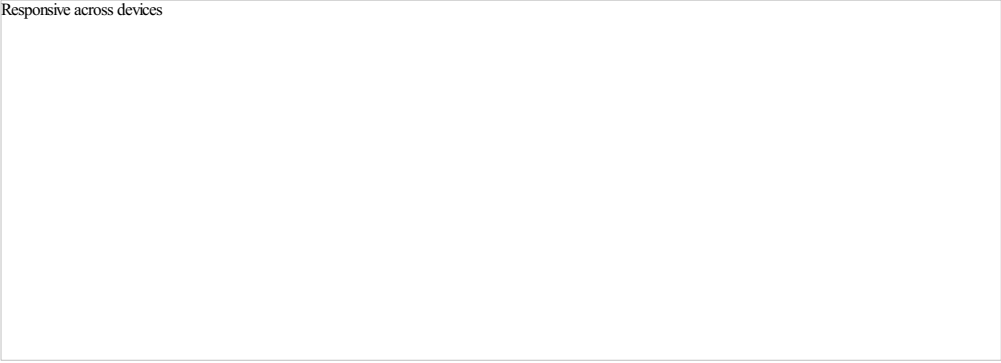
Designed for everyone, everywhere

Bootstrap makes front-end web development faster and easier. It's made for folks of all skill levels, devices of all shapes, and projects of all sizes.



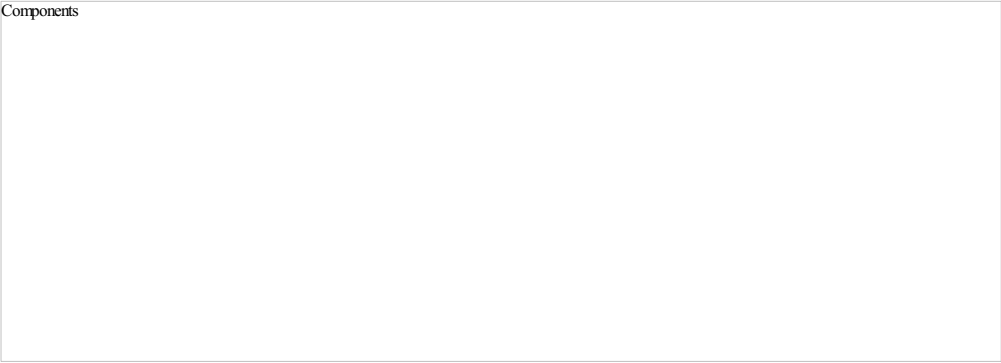
Preprocessors

Bootstrap ships with vanilla CSS, but its source code utilizes the two most popular CSS preprocessors, [Less](#) and [Sass](#). Quickly get started with precompiled CSS or build on the source.



One framework, every device.

Bootstrap easily and efficiently scales your websites and applications with a single code base, from phones to tablets to desktops with CSS media queries.



Full of features

With Bootstrap, you get extensive and beautiful documentation for common HTML elements, dozens of custom HTML and CSS components, and awesome jQuery plugins.

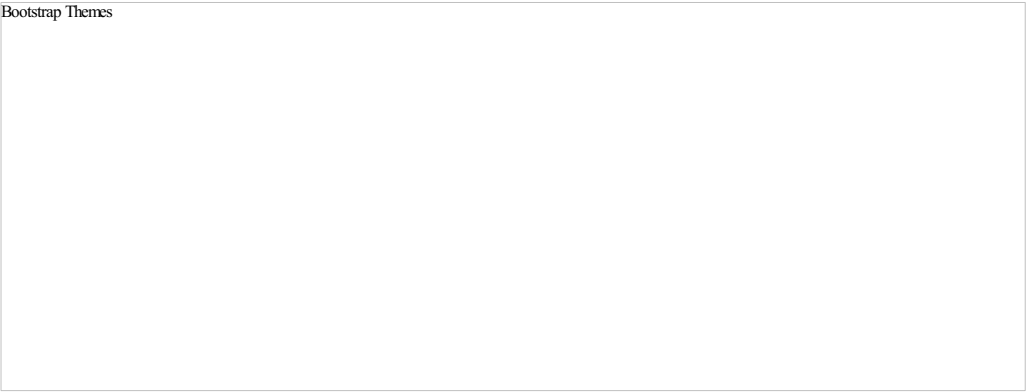
Bootstrap is open source. It's hosted, developed, and maintained on GitHub.

[View the GitHub project](#)

Official Bootstrap Themes

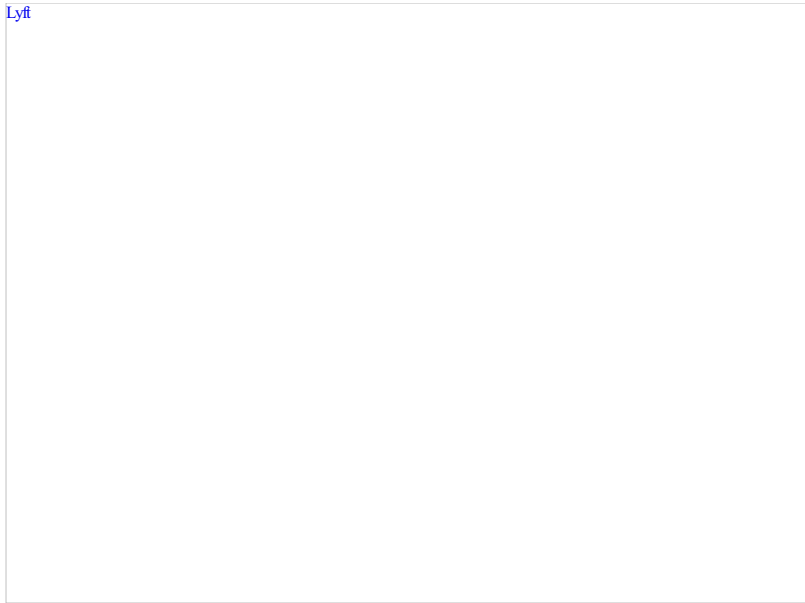
Take Bootstrap to the next level with official premium themes. Each theme is its own toolkit featuring all of Bootstrap, brand new components and plugins, full docs, build tools, and more.

[Browse themes](#)



Built with Bootstrap

Millions of amazing sites across the web are being built with Bootstrap. Get started on your own with our growing [collection of examples](#) or by exploring some of our favorites.



We showcase dozens of inspiring projects built with Bootstrap on the Bootstrap Expo.

[Explore the Expo](#)

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Bootstrap

Sleek, intuitive, and powerful front-end framework for faster and easier web development.

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- [Extend](#)
- Version 2.3.2

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Heads up! These docs are for v2.3.2, which is no longer officially supported. [Check out the latest version of Bootstrap!](#)

Introducing Bootstrap.

Need reasons to love Bootstrap? Look no further.

▫

By nerds, for nerds.

Built at Twitter by [@mdo](#) and [@fat](#), Bootstrap utilizes [LESS CSS](#), is compiled via [Node](#), and is managed through [GitHub](#) to help nerds do awesome stuff on the web.

▫

Made for everyone.

Bootstrap was made to not only look and behave great in the latest desktop browsers (as well as IE7!), but in tablet and smartphone browsers via [responsive CSS](#) as well.

▫

Packed with features.

A 12-column responsive [grid](#), dozens of components, [JavaScript plugins](#), typography, form controls, and even a [web-based Customizer](#) to make Bootstrap your own.

Built with Bootstrap.

For even more sites built with Bootstrap, [visit the unofficial Tumblr](#) or [browse the examples](#).

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Versions

An appendix of hosted documentation for nearly every release of Bootstrap, from v1 through v5.

v5.x

Current major release. Last update was v5.3.3.

[5.3 Latest 5.2 5.1 5.0](#)

v4.x

Our previous major release with its minor releases. Last update was v4.6.2.

[4.6 4.5 4.4 4.3 4.2 4.1 4.0](#)

v3.x

Every minor release from v3 is listed below. Last update was v3.4.1.

[3.4 3.3](#)

v2.x

Every minor and patch release from v2 is listed below.

[2.3 2.2 2.3.1 2.3.0 2.2.2 2.2.1 2.2.0 2.1.1 2.1.0 2.0.4 2.0.3 2.0.2 2.0.1 2.0.0](#)

v1.x

Every minor and patch release from v1 is listed below.

[1.4.0 1.3.0 1.2.0 1.1.1 1.1.0 1.0.0](#)



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Download

Download Bootstrap to get the compiled CSS and JavaScript, source code, or include it with your favorite package managers like npm, RubyGems, and more.

On this page	On this page
<ul style="list-style-type: none"> • Compiled CSS and JS • Source files • Examples • CDN via jsDelivr <ul style="list-style-type: none"> ◦ Alternative CDNs • Package managers <ul style="list-style-type: none"> ◦ npm ◦ yarn ◦ RubyGems ◦ Composer ◦ NuGet 	

Compiled CSS and JS

Download ready-to-use compiled code for **Bootstrap v5.3.3** to easily drop into your project, which includes:

- Compiled and minified CSS bundles (see [CSS files comparison](#).)
- Compiled and minified JavaScript plugins (see [JS files comparison](#).)

This doesn't include documentation, source files, or any optional JavaScript dependencies like Popper.

[Download](#)

Source files

Compile Bootstrap with your own asset pipeline by downloading our source Sass, JavaScript, and documentation files. This option requires some additional tooling:

- [Sass compiler](#) for compiling Sass source files into CSS files
- [Autoprefixer](#) for CSS vendor prefixing

Should you require our full set of [build tools](#), they are included for developing Bootstrap and its docs, but they're likely unsuitable for your own purposes.

[Download source](#)

Examples

If you want to download and examine our [examples](#), you can grab the already built examples:

[Download Examples](#)

CDN via jsDelivr

Skip the download with [jsDelivr](#) to deliver cached version of Bootstrap's compiled CSS and JS to your project.

```
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-QWTKZyjpPEjISv5WaRU90FeRpok6YctnYmDr5pNlyT2bRjXh0JmNjY6hW+i" crossorigin="anonymous">
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootstrap.bundle.min.js" integrity="sha384-YvpcrYf0tY3lHB60NNkmXc5s9fDVZLESaAA55NDzOxhy9GkcIdslKleN7N6jIeHz" crossorigin="anonymous">
```

If you're using our compiled JavaScript and prefer to include Popper separately, add Popper before our JS, via a CDN preferably.

```
<script src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.11.8/dist/umd/popper.min.js" integrity="sha384-I7E8VVD/ismYTF4hNIPjVp/Zjvgyo6l6VfRkX/vR+Vc4jQkC+hVqc2pM80Dewa9r" crossorigin="anonymous">
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootstrap.min.js" integrity="sha384-0pUGZvbkm6XF6gxJEnlmuGrJXVbNuzT9qBBavbLwCsOGabYfZ00T0to5eqruptLy" crossorigin="anonymous">
```

Alternative CDNs

We recommend [jsDelivr](#) and use it ourselves in our documentation. However, in some cases—like in some specific countries or environments—you may need to use other CDN providers like [cdnjs](#) or [unpkg](#).

You'll find the same files on these CDN providers, albeit with different URLs. With cdnjs, you can [use this direct Bootstrap package link](#) to copy and paste ready-to-use HTML snippets for each dist file from any version of Bootstrap.

If the SRI hashes differ for a given file, you shouldn't use the files from that CDN, because it means that the file was modified by someone else.

Note that you should compare same length hashes, e.g. sha384 with sha384, otherwise it's expected for them to be different. As such, you can use an online tool like [SRI Hash Generator](#) to make sure that the hashes are the same for a given file. Alternatively, assuming you have OpenSSL installed, you can achieve the same from the CLI, for example:

```
openssl dgst -sha384 -binary bootstrap.min.js | openssl base64 -A
```

Package managers

Pull in Bootstrap's **source files** into nearly any project with some of the most popular package managers. No matter the package manager, Bootstrap will **require a Sass compiler and Autoprefixer** for a setup that matches our official compiled versions.

npm

Install Bootstrap in your Node.js powered apps with [the npm package](#):

```
npm install bootstrap@5.3.3
```

`const bootstrap = require('bootstrap')` or `import bootstrap from 'bootstrap'` will load all of Bootstrap's plugins onto a `bootstrap` object. The `bootstrap` module itself exports all of our plugins. You can manually load Bootstrap's plugins individually by loading the `/js/dist/*.js` files under the package's top-level directory.

Bootstrap's `package.json` contains some additional metadata under the following keys:

- `sass` - path to Bootstrap's main [Sass](#) source file
- `style` - path to Bootstrap's non-minified CSS that's been compiled using the default settings (no customization)

Get started with Bootstrap via npm with our starter project! Head to the [Sass & JS example](#) template repository to see how to build and customize Bootstrap in your own npm project. Includes Sass compiler, Autoprefixer, Stylelint, PurgeCSS, and Bootstrap Icons.

yarn

Install Bootstrap in your Node.js powered apps with [the yarn package](#):

```
yarn add bootstrap@5.3.3
```

RubyGems

Install Bootstrap in your Ruby apps using [Bundler](#) (**recommended**) and [RubyGems](#) by adding the following line to your [Gemfile](#):

```
gem 'bootstrap', '~> 5.3.3'
```

Alternatively, if you're not using Bundler, you can install the gem by running this command:

```
gem install bootstrap -v 5.3.3
```

[See the gem's README](#) for further details.

Composer

You can also install and manage Bootstrap's Sass and JavaScript using [Composer](#):

```
composer require twbs/bootstrap:5.3.3
```

NuGet

If you develop in .NET Framework, you can also install and manage Bootstrap's [CSS](#) or [Sass](#) and JavaScript using [NuGet](#). Newer projects should use [libman](#) or another method as NuGet is designed for compiled code, not frontend assets.

```
Install-Package bootstrap
```

```
Install-Package bootstrap.sass
```



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Get started with Bootstrap

Bootstrap is a powerful, feature-packed frontend toolkit. Build anything—from prototype to production—in minutes.

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Quick start

Get started by including Bootstrap’s production-ready CSS and JavaScript via CDN without the need for any build steps. See it in practice with this [Bootstrap CodePen demo](#).

1. **Create a new `index.html` file in your project root.** Include the `<meta name="viewport">` tag as well for [proper responsive behavior](#) in mobile devices.

```
<!doctype html>
<html lang="en">
  <head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>Bootstrap demo</title>
  </head>
  <body>
    <h1>Hello, world!</h1>
  </body>
</html>
```

2. **Include Bootstrap’s CSS and JS.** Place the `<link>` tag in the `<head>` for our CSS, and the `<script>` tag for our JavaScript bundle (including Popper for positioning dropdowns, poppers, and tooltips) before the closing `</body>`. [Learn more about our CDN links](#).

```
<!doctype html>
<html lang="en">
  <head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>Bootstrap demo</title>
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-QWTKZyjpPEjISv5WaRU90FeRpok6YctnYmDr5pNlyT2bRjXh0."
  </head>
  <body>
    <h1>Hello, world!</h1>
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootstrap.bundle.min.js" integrity="sha384-YvpcrYf0tY3lHB60NNkmXc5s9fDVZLESaAA55NDzOxhy9GkcIdslK1eN7N6j."
  </body>
</html>
```

You can also include [Popper](#) and our JS separately. If you don’t plan to use dropdowns, popovers, or tooltips, save some kilobytes by not including Popper.

```
<script src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.11.8/dist/umd/popper.min.js" integrity="sha384-I7E8VVD/ismYTF4hNIPjVp/Zjvgyo16VFvRkX/vR+Vc4jQkC+hVqc2pM80Dewa9r"
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootstrap.min.js" integrity="sha384-0pUGzvbkm6XF6gxjEnlmuGrJXVbNuzT9qBBavbLwCsOGabYfZzo0T0to5eqruptLy" cross
```

3. **Hello, world!** Open the page in your browser of choice to see your Bootstrapped page. Now you can start building with Bootstrap by creating your own [layout](#), adding dozens of [components](#), and utilizing [our official examples](#).

CDN links

As reference, here are our primary CDN links.

Description	URL
CSS	https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css
JS	https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootstrap.bundle.min.js

You can also use the CDN to fetch any of our [additional builds listed in the Contents page](#).

Next steps

- Read a bit more about some [important global environment settings](#) that Bootstrap utilizes.
- Read about what’s included in Bootstrap in our [contents section](#) and the list of [components that require JavaScript](#) below.
- Need a little more power? Consider building with Bootstrap by [including the source files via package manager](#).
- Looking to use Bootstrap as a module with `<script type="module">` ? Please refer to our [using Bootstrap as a module](#) section.

JS components

Curious which components explicitly require our JavaScript and Popper? If you’re at all unsure about the general page structure, keep reading for an example page template.

- Alerts for dismissing
- Buttons for toggling states and checkbox/radio functionality
- Carousel for all slide behaviors, controls, and indicators
- Collapse for toggling visibility of content
- Dropdowns for displaying and positioning (also requires [Popper](#).)
- Modals for displaying, positioning, and scroll behavior
- Navbar for extending our Collapse and Offcanvas plugins to implement responsive behaviors
- Navs with the Tab plugin for toggling content panes
- Offcanvases for displaying, positioning, and scroll behavior
- Scrollspy for scroll behavior and navigation updates
- Toasts for displaying and dismissing

- Tooltips and popovers for displaying and positioning (also requires [Popper](#).)

Important globals

Bootstrap employs a handful of important global styles and settings, all of which are almost exclusively geared towards the *normalization* of cross browser styles. Let's dive in.

HTML5 doctype

Bootstrap requires the use of the HTML5 doctype. Without it, you'll see some funky and incomplete styling.

```
<!doctype html>
<html lang="en">
  ...
</html>
```

Viewport meta

Bootstrap is developed *mobile first*, a strategy in which we optimize code for mobile devices first and then scale up components as necessary using CSS media queries. To ensure proper rendering and touch zooming for all devices, add the responsive viewport meta tag to your `<head>`.

```
<meta name="viewport" content="width=device-width, initial-scale=1">
```

You can see an example of this in action in the [quick start](#).

Box-sizing

For more straightforward sizing in CSS, we switch the global `box-sizing` value from `content-box` to `border-box`. This ensures `padding` does not affect the final computed width of an element, but it can cause problems with some third-party software like Google Maps and Google Custom Search Engine.

On the rare occasion you need to override it, use something like the following:

```
.selector-for-some-widget {
  box-sizing: content-box;
}
```

With the above snippet, nested elements—including generated content via `::before` and `::after`—will all inherit the specified `box-sizing` for that `.selector-for-some-widget`.

Learn more about [box model and sizing at CSS Tricks](#).

Reboot

For improved cross-browser rendering, we use [Reboot](#) to correct inconsistencies across browsers and devices while providing slightly more opinionated resets to common HTML elements.

Community

Stay up-to-date on the development of Bootstrap and reach out to the community with these helpful resources.

- Read and subscribe to [The Official Bootstrap Blog](#).
- Ask questions and explore [our GitHub Discussions](#).
- Discuss, ask questions, and more on [the community Discord](#) or [Bootstrap subreddit](#).
- Chat with fellow Bootstrappers in IRC. On the `irc.libera.chat` server, in the `#bootstrap` channel.
- Implementation help may be found at Stack Overflow (tagged [bootstrap-5](#)).
- Developers should use the keyword `bootstrap` on packages that modify or add to the functionality of Bootstrap when distributing through [npm](#) or similar delivery mechanisms for maximum discoverability.

You can also follow [@getbootstrap on Twitter](#) for the latest gossip and awesome music videos.



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Get started with Bootstrap

Bootstrap is a powerful, feature-packed frontend toolkit. Build anything—from prototype to production—in minutes.

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Quick start

Get started by including Bootstrap’s production-ready CSS and JavaScript via CDN without the need for any build steps. See it in practice with this [Bootstrap CodePen demo](#).

1. Create a new `index.html` file in your project root. Include the `<meta name="viewport">` tag as well for [proper responsive behavior](#) in mobile devices.

```
<!doctype html>
```

```
<html lang="en">
<head>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <title>Bootstrap demo</title>
</head>
<body>
  <h1>Hello, world!</h1>
</body>
</html>
```

2. **Include Bootstrap's CSS and JS.** Place the `<link>` tag in the `<head>` for our CSS, and the `<script>` tag for our JavaScript bundle (including Popper for positioning dropdowns, poppers, and tooltips) before the closing `</body>`. Learn more about our [CDN links](#).

```
<!doctype html>
<html lang="en">
<head>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <title>Bootstrap demo</title>
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-QWTKZyjpPEjISv5WaRU90FeRpok6YctnYmDr5pNlyT2bRjXh0." crossorigin="anonymous">
</head>
<body>
  <h1>Hello, world!</h1>
  <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootstrap.bundle.min.js" integrity="sha384-YvpcrYf0tY3lHB60NNkmXc5s9fDVZLESaAA55NDzOxhy9GkcIdslK1eN7N6jI" crossorigin="anonymous"></script>
</body>
</html>
```

You can also include [Popper](#) and our JS separately. If you don't plan to use dropdowns, popovers, or tooltips, save some kilobytes by not including Popper.

```
<script src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.11.8/dist/umd/popper.min.js" integrity="sha384-17E8VD/ismYTF4hNIPjVp/Zjvgyol6VFvRkX/vR+Vc4jQkC+hVqc2pM80Dewa9r" crossorigin="anonymous"></script>
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootstrap.min.js" integrity="sha384-0pUGZvbkm6XF6gxjEnlmuGrJXVbNuzT9qBBavbLwCsOGabYfZ2o0T0to5eqruptLy" crossorigin="anonymous"></script>
```

3. **Hello, world!** Open the page in your browser of choice to see your Bootstrapped page. Now you can start building with Bootstrap by creating your own [layout](#), adding dozens of [components](#), and utilizing [our official examples](#).

CDN links

As reference, here are our primary CDN links.

Description	URL
CSS	https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css
JS	https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootstrap.bundle.min.js

You can also use the CDN to fetch any of our [additional builds listed in the Contents page](#).

Next steps

- Read a bit more about some [important global environment settings](#) that Bootstrap utilizes.
- Read about what's included in Bootstrap in our [contents section](#) and the list of [components that require JavaScript](#) below.
- Need a little more power? Consider building with Bootstrap by [including the source files via package manager](#).
- Looking to use Bootstrap as a module with `<script type="module">`? Please refer to our [using Bootstrap as a module](#) section.

JS components

Curious which components explicitly require our JavaScript and Popper? If you're at all unsure about the general page structure, keep reading for an example page template.

- Alerts for dismissing
- Buttons for toggling states and checkbox/radio functionality
- Carousel for all slide behaviors, controls, and indicators
- Collapse for toggling visibility of content
- Dropdowns for displaying and positioning (also requires [Popper](#))
- Modals for displaying, positioning, and scroll behavior
- Navbar for extending our Collapse and Offcanvas plugins to implement responsive behaviors
- Navs with the Tab plugin for toggling content panes
- Offcanvases for displaying, positioning, and scroll behavior
- Scrollspy for scroll behavior and navigation updates
- Toasts for displaying and dismissing
- Tooltips and popovers for displaying and positioning (also requires [Popper](#))

Important globals

Bootstrap employs a handful of important global styles and settings, all of which are almost exclusively geared towards the *normalization* of cross browser styles. Let's dive in.

HTML5 doctype

Bootstrap requires the use of the HTML5 doctype. Without it, you'll see some funky and incomplete styling.

```
<!doctype html>
<html lang="en">
...
</html>
```

Viewport meta

Bootstrap is developed *mobile first*, a strategy in which we optimize code for mobile devices first and then scale up components as necessary using CSS media queries. To ensure proper rendering and touch zooming for all devices, add the responsive viewport meta tag to your `<head>`.

```
<meta name="viewport" content="width=device-width, initial-scale=1">
```

You can see an example of this in action in the [quick start](#).

Box-sizing

For more straightforward sizing in CSS, we switch the global `box-sizing` value from `content-box` to `border-box`. This ensures `padding` does not affect the final computed width of an element, but it can cause problems with some third-party software like Google Maps and Google Custom Search Engine.

On the rare occasion you need to override it, use something like the following:

```
.selector-for-some-widget {
  box-sizing: content-box;
}
```

With the above snippet, nested elements—including generated content via `::before` and `::after`—will all inherit the specified `box-sizing` for that `.selector-for-some-widget`.

Learn more about [box model and sizing at CSS Tricks](#).

Reboot

For improved cross-browser rendering, we use [Reboot](#) to correct inconsistencies across browsers and devices while providing slightly more opinionated resets to common HTML elements.

Community

Stay up-to-date on the development of Bootstrap and reach out to the community with these helpful resources.

- Read and subscribe to [The Official Bootstrap Blog](#).
- Ask questions and explore [our GitHub Discussions](#).
- Discuss, ask questions, and more on [the community Discord](#) or [Bootstrap subreddit](#).
- Chat with fellow Bootstrappers in IRC. On the `irc.libera.chat` server, in the `#bootstrap` channel.
- Implementation help may be found at Stack Overflow (tagged [bootstrap-5](#)).
- Developers should use the keyword `bootstrap` on packages that modify or add to the functionality of Bootstrap when distributing through [npm](#) or similar delivery mechanisms for maximum discoverability.

You can also follow [@getbootstrap on Twitter](#) for the latest gossip and awesome music videos.



- Designed and built with all the love in the world by the [Bootstrap team](#) with the help of [our contributors](#).
- Code licensed [MIT](#), docs [CC BY 3.0](#).
- Currently v5.3.3.

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Bootstrap and Webpack

The official guide for how to include and bundle Bootstrap’s CSS and JavaScript in your project using Webpack.

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Want to skip to the end? Download the source code and working demo for this guide from the [twbs/examples repository](#). You can also [open the example in StackBlitz](#) for live editing.

Setup

We're building a Webpack project with Bootstrap from scratch, so there are some prerequisites and upfront steps before we can really get started. This guide requires you to have Node.js installed and some familiarity with the terminal.

1. **Create a project folder and set up npm.** We'll create the `my-project` folder and initialize npm with the `-y` argument to avoid it asking us all the interactive questions.

```
mkdir my-project && cd my-project
npm init -y
```

2. **Install Webpack.** Next we need to install our Webpack development dependencies: `webpack` for the core of Webpack, `webpack-cli` so we can run Webpack commands from the terminal, and `webpack-dev-server` so we can run a local development server. Additionally, we'll install `html-webpack-plugin` to be able to store our `index.html` in `src` directory instead of the default `dist` one. We use `--save-dev` to signal that these dependencies are only for development use and not for production.

```
npm i --save-dev webpack webpack-cli webpack-dev-server html-webpack-plugin
```

3. **Install Bootstrap.** Now we can install Bootstrap. We'll also install Popper since our dropdowns, popovers, and tooltips depend on it for their positioning. If you don't plan on using those components, you can omit Popper here.

```
npm i --save bootstrap @popperjs/core
```

4. **Install additional dependencies.** In addition to Webpack and Bootstrap, we need a few more dependencies to properly import and bundle Bootstrap's CSS and JS with Webpack. These include Sass, some loaders, and Autoprefixer.

```
npm i --save-dev autoprefixer css-loader postcss-loader sass sass-loader style-loader
```

Now that we have all the necessary dependencies installed, we can get to work creating the project files and importing Bootstrap.

Project structure

We've already created the `my-project` folder and initialized npm. Now we'll also create our `src` and `dist` folders to round out the project structure. Run the following from `my-project`, or manually create the folder and file structure shown below.

```
mkdir {src,src/js,src/scss}
touch src/index.html src/js/main.js src/scss/styles.scss webpack.config.js
```

When you're done, your complete project should look like this:

```
my-project/
├── src/
│   ├── js/
│   │   └── main.js
│   ├── scss/
│   │   └── styles.scss
│   └── index.html
├── package-lock.json
├── package.json
└── webpack.config.js
```

At this point, everything is in the right place, but Webpack won't work because we haven't filled in our `webpack.config.js` yet.

Configure Webpack

With dependencies installed and our project folder ready for us to start coding, we can now configure Webpack and run our project locally.

1. **Open `webpack.config.js` in your editor.** Since it's blank, we'll need to add some boilerplate config to it so we can start our server. This part of the config tells Webpack where to look for our project's JavaScript, where to output the compiled code to (`dist`), and how the development server should behave (pulling from the `dist` folder with hot reload).

```
'use strict'

const path = require('path')
const HtmlWebpackPlugin = require('html-webpack-plugin')

module.exports = {
  mode: 'development',
  entry: './src/js/main.js',
  output: {
    filename: 'main.js',
    path: path.resolve(__dirname, 'dist')
  },
  devServer: {
    static: path.resolve(__dirname, 'dist'),
    port: 8080,
    hot: true
  },
  plugins: [
    new HtmlWebpackPlugin({ template: './src/index.html' })
  ]
}
```

2. **Next we fill in our `src/index.html`.** This is the HTML page Webpack will load in the browser to utilize the bundled CSS and JS we'll add to it in later steps. Before we can do that, we have to give it something to render and include the output JS from the previous step.

```
<!doctype html>
<html lang="en">
  <head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title>Bootstrap w/ Webpack</title>
  </head>
  <body>
    <div class="container py-4 px-3 mx-auto">
      <h1>Hello, Bootstrap and Webpack!</h1>
      <button class="btn btn-primary">Primary button</button>
    </div>
  </body>
</html>
```

We're including a little bit of Bootstrap styling here with the `div class="container"` and `<button>` so that we see when Bootstrap's CSS is loaded by Webpack.

3. **Now we need an npm script to run Webpack.** Open `package.json` and add the `start` script shown below (you should already have the test script). We'll use this script to start our local Webpack dev server. You can also add a `build` script shown below to build your project.

```
{
  // ...
  "scripts": {
    "start": "webpack serve",
    "build": "webpack build --mode=production",
    "test": "echo \"Error: no test specified\" && exit 1"
  },
  // ...
}
```

4. **And finally, we can start Webpack.** From the `my-project` folder in your terminal, run that newly added npm script:

```
npm start
```

In the next and final section to this guide, we'll set up the Webpack loaders and import all of Bootstrap's CSS and JavaScript.

Import Bootstrap

Importing Bootstrap into Webpack requires the loaders we installed in the first section. We've installed them with npm, but now Webpack needs to be configured to use them.

1. **Set up the loaders in webpack.config.js** . Your configuration file is now complete and should match the snippet below. The only new part here is the `module` section.

```
'use strict'

const path = require('path')
const autoprefixer = require('autoprefixer')
const HtmlWebpackPlugin = require('html-webpack-plugin')

module.exports = {
  mode: 'development',
  entry: './src/js/main.js',
  output: {
    filename: 'main.js',
    path: path.resolve(__dirname, 'dist')
  },
  devServer: {
    static: path.resolve(__dirname, 'dist'),
    port: 8080,
    hot: true
  },
  plugins: [
    new HtmlWebpackPlugin({ template: './src/index.html' })
  ],
  module: {
    rules: [
      {
        test: /\.scss$/,
        use: [
          {
            // Adds CSS to the DOM by injecting a <style> tag
            loader: 'style-loader'
          },
          {
            // Interprets `@import` and `url()` like `import/require()` and will resolve them
            loader: 'css-loader'
          },
          {
            // Loader for webpack to process CSS with PostCSS
            loader: 'postcss-loader',
            options: {
              postcssOptions: {
                plugins: [
                  autoprefixer
                ]
              }
            }
          },
          {
            // Loads a SASS/SCSS file and compiles it to CSS
            loader: 'sass-loader'
          }
        ]
      }
    ]
  }
}
```

Here's a recap of why we need all these loaders. `style-loader` injects the CSS into a `<style>` element in the `<head>` of the HTML page, `css-loader` helps with using `@import` and `url()`, `postcss-loader` is required for Autoprefixer, and `sass-loader` allows us to use Sass.

2. **Now, let's import Bootstrap's CSS.** Add the following to `src/scss/styles.scss` to import all of Bootstrap's source Sass.

```
// Import all of Bootstrap's CSS
@import "bootstrap/scss/bootstrap";
```

You can also import our stylesheets individually if you want. [Read our Sass import docs](#) for details.

3. **Next we load the CSS and import Bootstrap's JavaScript.** Add the following to `src/js/main.js` to load the CSS and import all of Bootstrap's JS. Popper will be imported automatically through Bootstrap.

```
// Import our custom CSS
import '../scss/styles.scss'

// Import all of Bootstrap's JS
import * as bootstrap from 'bootstrap'
```

You can also import JavaScript plugins individually as needed to keep bundle sizes down:

```
import Alert from 'bootstrap/js/dist/alert'

// or, specify which plugins you need:
import { Tooltip, Toast, Popover } from 'bootstrap'
```

[Read our JavaScript docs](#) for more information on how to use Bootstrap's plugins.

4. **And you're done!** ☐ With Bootstrap's source Sass and JS fully loaded, your local development server should now look like this:



Now you can start adding any Bootstrap components you want to use. Be sure to [check out the complete Webpack example project](#) for how to include additional custom Sass and optimize your build by importing only the parts of Bootstrap's CSS and JS that you need.

Production optimizations

Depending on your setup, you may want to implement some additional security and speed optimizations useful for running the project in production. Note that these optimizations are not applied on [the Webpack example project](#) and are up to you to implement.

Extracting CSS

The `style-loader` we configured above conveniently emits CSS into the bundle so that manually loading a CSS file in `dist/index.html` isn't necessary. This approach may not work with a strict Content Security Policy, however, and it may become a bottleneck in your application due to the large bundle size.

To separate the CSS so that we can load it directly from `dist/index.html`, use the `mini-css-extract-loader` Webpack plugin.

First, install the plugin:

```
npm install --save-dev mini-css-extract-plugin
```

Then instantiate and use the plugin in the Webpack configuration:

```
--- a/webpack.config.js
+++ b/webpack.config.js
@@ -3,6 +3,7 @@
 const path = require('path')
 const autoprefixer = require('autoprefixer')
 const HtmlWebpackPlugin = require('html-webpack-plugin')
+const miniCssExtractPlugin = require('mini-css-extract-plugin')

 module.exports = {
   mode: 'development',
@@ -17,7 +18,8 @@ module.exports = {
   hot: true
 },
 plugins: [
-  new HtmlWebpackPlugin({ template: './src/index.html' })
+  new miniCssExtractPlugin({
+    filename: 'main.css'
+  }),
+  new HtmlWebpackPlugin({ template: './src/index.html' })
 ]
 }
```

```
+   new HtmlWebpackPlugin({ template: './src/index.html' })),
+   new miniCssExtractPlugin()
+ },
+ module: {
+   rules: [
@@ -25,8 +27,8 @@ module.exports = {
+     test: /\.scss$/,
+     use: [
+       {
-       // Adds CSS to the DOM by injecting a <style> tag
-       loader: 'style-loader'
+       // Extracts CSS for each JS file that includes CSS
+       loader: miniCssExtractPlugin.loader
+     ],
+   },
+ }
```

After running `npm run build` again, there will be a new file `dist/main.css`, which will contain all of the CSS imported by `src/js/main.js`. If you view `dist/index.html` in your browser now, the style will be missing, as it is now in `dist/main.css`. You can include the generated CSS in `dist/index.html` like this:

```
--- a/dist/index.html
+++ b/dist/index.html
@@ -3,6 +3,7 @@
<head>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
+  <link rel="stylesheet" href="./main.css">
  <title>Bootstrap w/ Webpack</title>
</head>
<body>
```

Extracting SVG files

Bootstrap's CSS includes multiple references to SVG files via inline `data:` URIs. If you define a Content Security Policy for your project that blocks `data:` URIs for images, then these SVG files will not load. You can get around this problem by extracting the inline SVG files using Webpack's asset modules feature.

Configure Webpack to extract inline SVG files like this:

```
--- a/webpack.config.js
+++ b/webpack.config.js
@@ -23,6 +23,14 @@ module.exports = {
+ },
+ module: {
+   rules: [
+     {
+       minetype: 'image/svg+xml',
+       scheme: 'data',
+       type: 'asset/resource',
+       generator: {
+         filename: 'icons/[hash].svg'
+       }
+     },
+   ],
+   {
+     test: /\.scss$/,
+     use: [
```

After running `npm run build` again, you'll find the SVG files extracted into `dist/icons` and properly referenced from CSS.

See something wrong or out of date here? Please [open an issue on GitHub](#). Need help troubleshooting? [Search or start a discussion on GitHub](#).



Bootstrap

- Designed and built with all the love in the world by the [Bootstrap team](#) with the help of [our contributors](#).
- Code licensed [MIT](#), docs [CC BY 3.0](#).
- Currently v5.3.3.

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