

Less Starterkit

Below are instructions on how to create a Bootstrap sub-theme using a Less preprocessor.

- Prerequisites
- Additional Setup
- Overrides

Prerequisites

- Read the Getting Started (/api/bootstrap/docs%21Getting-Started.md/group/getting_started/7) and Sub-theming (/api/bootstrap/docs%21subtheme%21README.md/group/subtheme/7) documentation topics.
- You must understand the basic concept of using the Less [CSS](#) pre-processor.
- You must use a **local Less compiler** [↗](#).
- You must use the Bootstrap Framework Source Files [↗](#) ending in the `.less` extension, not files ending in `.css`.

Additional Setup

Download and extract the **latest** 3.x.x version of Bootstrap Framework Source Files [↗](#) into your new sub-theme. After it has been extracted, the folder should read `./subtheme/bootstrap`.

If for whatever reason you have an additional `bootstrap` folder wrapping the first `bootstrap` folder (e.g. `./subtheme/bootstrap/bootstrap`), remove the wrapping `bootstrap` folder. You will only ever need to touch these files if or when you upgrade your version of the Bootstrap Framework [↗](#).

WARNING: Do not modify the files inside of `./subtheme/bootstrap` directly. Doing so may cause issues when upgrading the **Bootstrap Framework** [↗](#) in the future.

Overrides

The `./subtheme/less/variable-overrides.less` file is generally where you will the majority of your time overriding the variables provided by the Bootstrap Framework [↗](#).

The `./subtheme/less/bootstrap.less` file is nearly an exact copy from the Bootstrap Framework Source Files [↗](#). The only difference is that it injects the `variable-overrides.less` file directly after it has imported the Bootstrap Framework's `variables.less` file. This allows you to easily override variables without having to constantly keep up with newer or missing variables during an upgrade.

The `./subtheme/less/overrides.less` file contains various Drupal overrides to properly integrate with the Bootstrap Framework [↗](#). It may contain a few enhancements, feel free to edit this file as you see fit.

The `./subtheme/less/style.less` file is the glue that combines the `bootstrap.less` and `overrides.less` files together. Generally, you will not need to modify this file unless you need to add or remove files to be imported. This is the file that you should compile to `./subtheme/css/styles.css` (note the same file name, using a different extension of course).

See also:

- [Templates \(/api/bootstrap/includes%21registry.inc/group/templates/7\)](/api/bootstrap/includes%21registry.inc/group/templates/7)
- Theme Settings
- Theme Registry (</api/bootstrap/docs%21registry%21README.md/group/registry/7>)

Parent topics

Sub-Theming (</api/bootstrap/docs%21subtheme%21README.md/group/subtheme/7>)

Instructions on how to sub-theme the Drupal Bootstrap base theme.

Source [starterkits/less/README.md \(/api/bootstrap/starterkits%21less%21README.md/7#source.4\)](#) (line 4)

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Critical & Major Issues

- [Bootstrap\(7.x-3.6\) Theme and Drupal 7.51 \(https://www.drupal.org/node/2813507\)](https://www.drupal.org/node/2813507)
- [Some forms not rendered in bootstrap theme \(https://www.drupal.org/node/2755911\)](https://www.drupal.org/node/2755911)
- [Bootstrap relies on Googlecode for HTML5Shiv, which no longer exists \(https://www.drupal.org/node/2724195\)](https://www.drupal.org/node/2724195)
- [Horrible incompatibility with other modules \(https://www.drupal.org/node/2705903\)](https://www.drupal.org/node/2705903)
- [Documentation on drupal-bootstrap.org \(https://www.drupal.org/node/2671132\)](https://www.drupal.org/node/2671132)

Recent Commits

- [Fix typo \(http://cgkit.drupalcode.org/bootstrap/commit/?id=aa3e13c07568b9c804b72638ea0d48920f6406ca\)](http://cgkit.drupalcode.org/bootstrap/commit/?id=aa3e13c07568b9c804b72638ea0d48920f6406ca)
- [Issue #2653084 by markcarver: Checkboxes/Radios are wrapped using a panel \(http://cgkit.drupalcode.org/bootstrap/commit/?id=e793a4f442296af86be391b51cd45d8933b1d0d6\)](http://cgkit.drupalcode.org/bootstrap/commit/?id=e793a4f442296af86be391b51cd45d8933b1d0d6)

- Issue #2820392 by sittard: Reset button doesn't work on AJAX enabled views (<http://cgkit.drupalcode.org/bootstrap/commit/?id=62938ceb3938a0ea5f975f21299068a54b6fa161>)
- Issue #2547797 by markcarver, estoyausente: Add composer.json to Bootstrap (<http://cgkit.drupalcode.org/bootstrap/commit/?id=82c9b71a0d43b6ef836c8466ac9e03b0c19b9cfd>)
- Issue #2547797 by estoyausente, markcarver: Add composer.json to Bootstrap (<http://cgkit.drupalcode.org/bootstrap/commit/?id=319e7d1b85d2304d2ceaa0e9701ead600e879c2d>)

Issue Queue Activity

- Document @BootstrapUpdate plugin (<https://www.drupal.org/node/2822800>)
- Issues in subtheme documentation (<https://www.drupal.org/node/2821932>)
- Drush CR and Performance -> Clear Cache: Not the Same Function (<https://www.drupal.org/node/2821504>)
- Views table sticky header isn't working (<https://www.drupal.org/node/2821299>)
- Compatible with 8.2 Settings Tray module? (<https://www.drupal.org/node/2821008>)