

# Bootstrap 4

## Ver. 4.6.1

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# About Bootstrap

- Bootstrap is the most popular CSS framework
- Use for responsive and mobile first websites
- Bootstrap 4 is more commonly used than Bootstrap 5
- HTML/CSS/JavaScript
- Homepage: <https://getbootstrap.com/>

# How to get started with Bootstrap Ver. 4.6.1

1. Copy CSS stylesheet `<link>` into your `<head>` before all other stylesheet.

```
<link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@4.6.1/dist/css/bootstrap.min.css" integrity="sha384-
zCbKRCUGaJDkqS1kPbPd7TveP5iyJE0EjAuZQTgFLD2ylzuqKfdKlfG/eSrtxUkn" crossorigin="anonymous">
```

2. Add JS `<script>` if needed to the near the end of your pages, right before the closing `</body>` tag.

```
<script src="https://cdn.jsdelivr.net/npm/jquery@3.5.1/dist/jquery.slim.min.js" integrity="sha384-
DfXdz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+OrCXaRkfj" crossorigin="anonymous"></script>
<script src="https://cdn.jsdelivr.net/npm/bootstrap@4.6.1/dist/js/bootstrap.bundle.min.js"
integrity="sha384-fQybjgWLrvvRgtW6bFlB7jaZrFsaBXjsOMm/tB9LTS580NXgqbR9W8oWht/ampnF"
crossorigin="anonymous"></script>
```

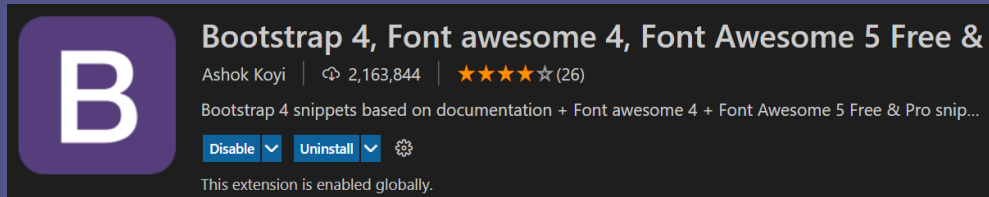
3. HTML5 doctype is Needed

4. Add the responsive viewport meta tag to your `<head>`

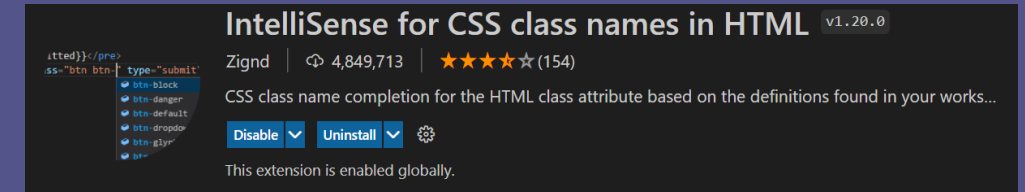
```
<meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
```

# Visual Studio Code Extensions

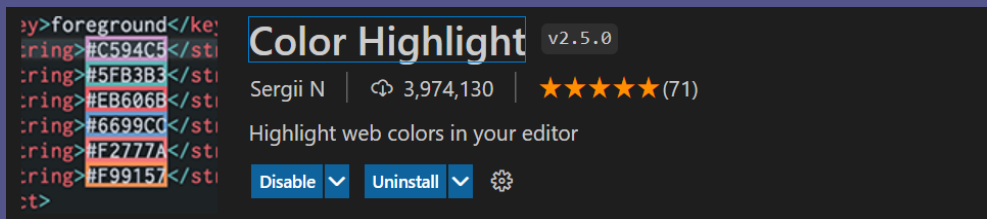
- Bootstrap 4, Font awesome 4, Font Awesome 5 Free & Pro snippets for Visual studio code



- IntelliSense for CSS class names in HTML



- Color Highlight



## 2.2 Basic Typography

- Try editing: `2_2_basic_typography_working.html`
- Learn more:
- <https://getbootstrap.com/docs/4.6/content/typography/>

## 2.3 Text Alignment & Display

- Try editing: `2_3_text_alignment_display.html`
- Learn more:
- <https://getbootstrap.com/docs/4.6/utilities/text/>

## 2.4 Floats & Fixed Positions

- Try editing: `2_4_floats_position.html`
- Learn more:
- <https://getbootstrap.com/docs/4.6/utilities/float/>
- <https://getbootstrap.com/docs/4.6/utilities/position/>

## 2.5 Colors & Background

- Try editing: `2_5_colors_background.html`
- Learn more:
- <https://getbootstrap.com/docs/4.6/utilities/colors/>
- <https://getbootstrap.com/docs/4.6/utilities/colors/#background-color>



## 2.6 Spacing

- Try editing: `2_6_spacing.html`
- Learn more:
- <https://getbootstrap.com/docs/4.6/utilities/spacing/>

## 2.7 Sizing & Borders

- Try editing: `2_7_sizing.html`
- Learn more:
- <https://getbootstrap.com/docs/4.6/utilities/sizing/>
- <https://getbootstrap.com/docs/4.6/utilities/borders/>

## 2.8 Breakpoints

- Try editing: `2_8_breakpoints.html`
- Learn more:
- <https://getbootstrap.com/docs/4.6/layout/overview/#responsive-breakpoint>

## 3.2 Buttons & Button Groups

- Try editing: `3_2_buttons.html`
- Learn more:
- <https://getbootstrap.com/docs/4.6/components/buttons/>
- <https://getbootstrap.com/docs/4.6/components/button-group/>

## 3.3 Navbar & Navs

- Try editing: `3_3_navbar.html`
- Learn more:
- <https://getbootstrap.com/docs/4.6/components/navbar/>
- <https://getbootstrap.com/docs/4.6/components/navs/>

## 3.4 List Groups & Badges

- Try editing: `3_4_list_groups_badges.html`
- Learn more:
- <https://getbootstrap.com/docs/4.6/components/list-group/>
- <https://getbootstrap.com/docs/4.6/components/badge/>

## 3.5 Forms

- Try editing: `3_5_forms.html`
- Learn more:
- <https://getbootstrap.com/docs/4.6/components/forms/>

## 3.6 Input Groups & Addons

- Try editing: `3_6_input_groups.html`
- Learn more:
- <https://getbootstrap.com/docs/4.6/components/input-group/>



## 3.7 Alerts & Progress Bars

- Try editing: `3_7_alerts_progress.html`
- Learn more:
- <https://getbootstrap.com/docs/4.6/components/alerts/>
- <https://getbootstrap.com/docs/4.6/components/progress/>

## 3.8 Tables & Pagination

- Try editing: `3_8_tables_pagination.html`
- Learn more:
- <https://getbootstrap.com/docs/4.6/content/tables/>
- <https://getbootstrap.com/docs/4.6/components/pagination/>

## 3.9 Cards

- Try editing: `3_9_cards.html`
- Learn more:
- <https://getbootstrap.com/docs/4.6/components/card/>

## 3.10 Media Object

- Try editing: `3_10_media_object.html`
- Learn more:
- <https://getbootstrap.com/docs/4.6/components/media-object/>

## 3.11 Jumbotron

- Try editing: `3_11_jumbotron.html`
- Learn more:
- <https://getbootstrap.com/docs/4.6/components/jumbotron/>

## 4.2 Grid System

- Try editing: `4_2_grid_system_working.html`
- Learn more:
- <https://getbootstrap.com/docs/4.6/layout/grid/>

## 4.3 Grid Alignment

- Try editing: `4_3_grid_alignment.html`
- Learn more:
- <https://getbootstrap.com/docs/4.6/layout/grid/#alignment>

## 4.4 Flexbox

- Try editing: `4_4_flexbox.html`
- Learn more:
- <https://getbootstrap.com/docs/4.6/utilities/flex/>



## 4.5 Auto Margins & Wrapping

- Try editing: `4_5_auto_margins_wrapping_order.html`
- Learn more:
- <https://getbootstrap.com/docs/4.6/utilities/flex/#auto-margins>

## 5.2 Carousel Slider

- Try editing: `5_2_carousel.html`
- Learn more: <https://getbootstrap.com/docs/4.6/components/carousel/>

## 5.3 Collapse & Accordion

- Try editing: `5_3_collapse.html`
- Learn more: <https://getbootstrap.com/docs/4.6/components/collapse/>

## 5.4 Tooltips

- Try editing: `5_4_tooltips.html`
- Learn more: <https://getbootstrap.com/docs/4.6/components/tooltips/>

## 5.5 Popovers

- Try editing: `5_5_popovers.html`
- Learn more: <https://getbootstrap.com/docs/4.6/components/popovers/>

## 5.6 Modals

- Try editing: `5_6_modals.html`
- Learn more: <https://getbootstrap.com/docs/4.6/components/modal/>

## 5.7 ScrollSpy

- Try editing: `5_7_scrollspy.html`
- Learn more: <https://getbootstrap.com/docs/4.6/components/scrollspy/>