# Bootstrap 4

## Ver. 4.6.1

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# About Bootstrap

- Bootstrap is one of 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/

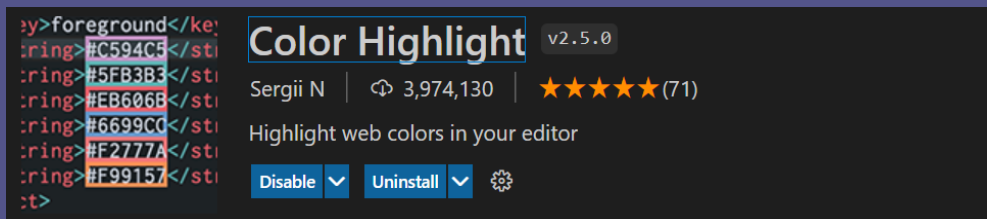06/07/2022

# Visual Studio Code Extensions

- Bootstrap 4, Font awesome 4,
  Font Awesome 5 Free & Pro
  snippets for Visual studio code
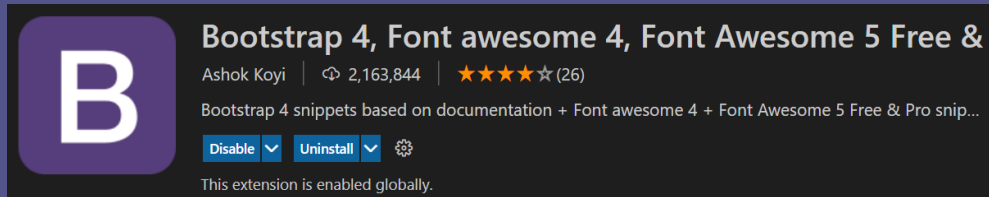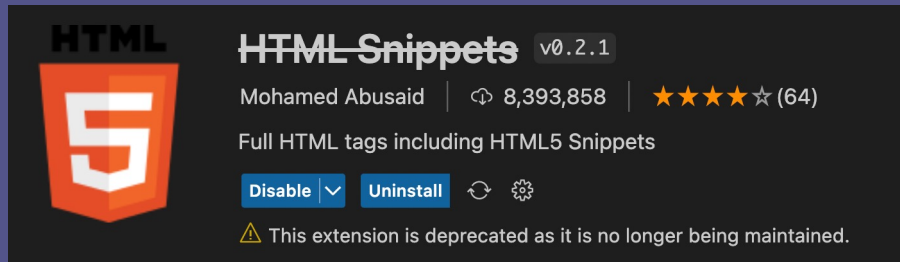
- IntelliSense for CSS class names in HTML
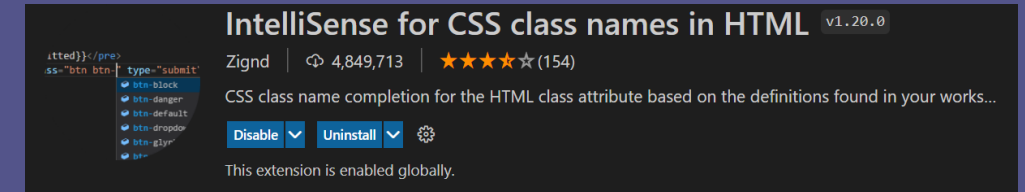
- Color Highlight
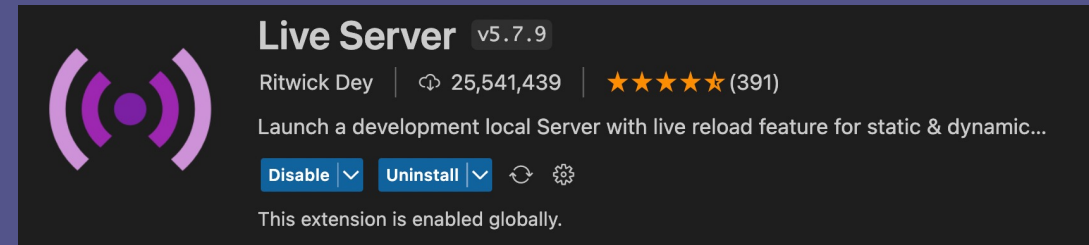
# Visual Studio Code Extensions

- ## HTML Snippets



- ## Live Server
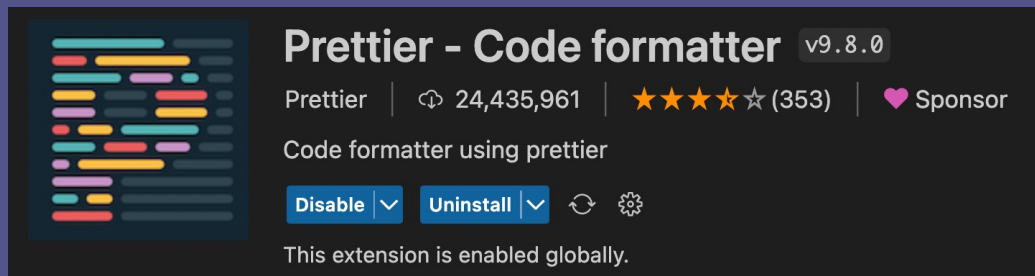


- ## Prettier - Code formatter



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# 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/tB9LTS58ONXgqbR9W8oWht/amnpF" 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">
```

Reference:

https://bootstrap-snippets.netlify.app/

# 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/

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# 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

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# 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/

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# 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/

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# 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

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# 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/

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# 5.4 Tooltips

- Try editing: `5_4_tooltips.html`

- Learn more: https://getbootstrap.com/docs/4.6/components/tooltips/

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# 5.5 Popovers

- Try editing: `5_5_popovers.html`

- Learn more: https://getbootstrap.com/docs/4.6/components/popovers/

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# 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/

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