



tailwindcss

What it is

Open source CSS framework

v1 in 2019

<https://tailwindcss.com/>

A package of pre-built CSS utility classes

```
<p class="text-center font-bold text-green-500"></p>
```



center



BOLD

GREEN

Tailwind is not Bootstrap

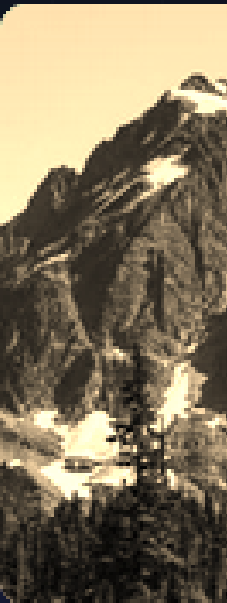
Different granularity

Bootstrap will give you fully styled high level components: Card, Button, ...

Tailwind classes are built around elements

Classes

- Layout: flex, grid, ...
- Spacing: padding, margin, ...
- Sizing: width, height, ...
- Typography: color, style, font, ...
- Background, images, borders



Variants

- Size: `sm:`, `md:`, `lg:`
- Mode: `dark:`, `light:`
- State: `hover:`

```
class="pb-10 sm:pb-12 md:pb-8 lg:pb-4"
```

Themes

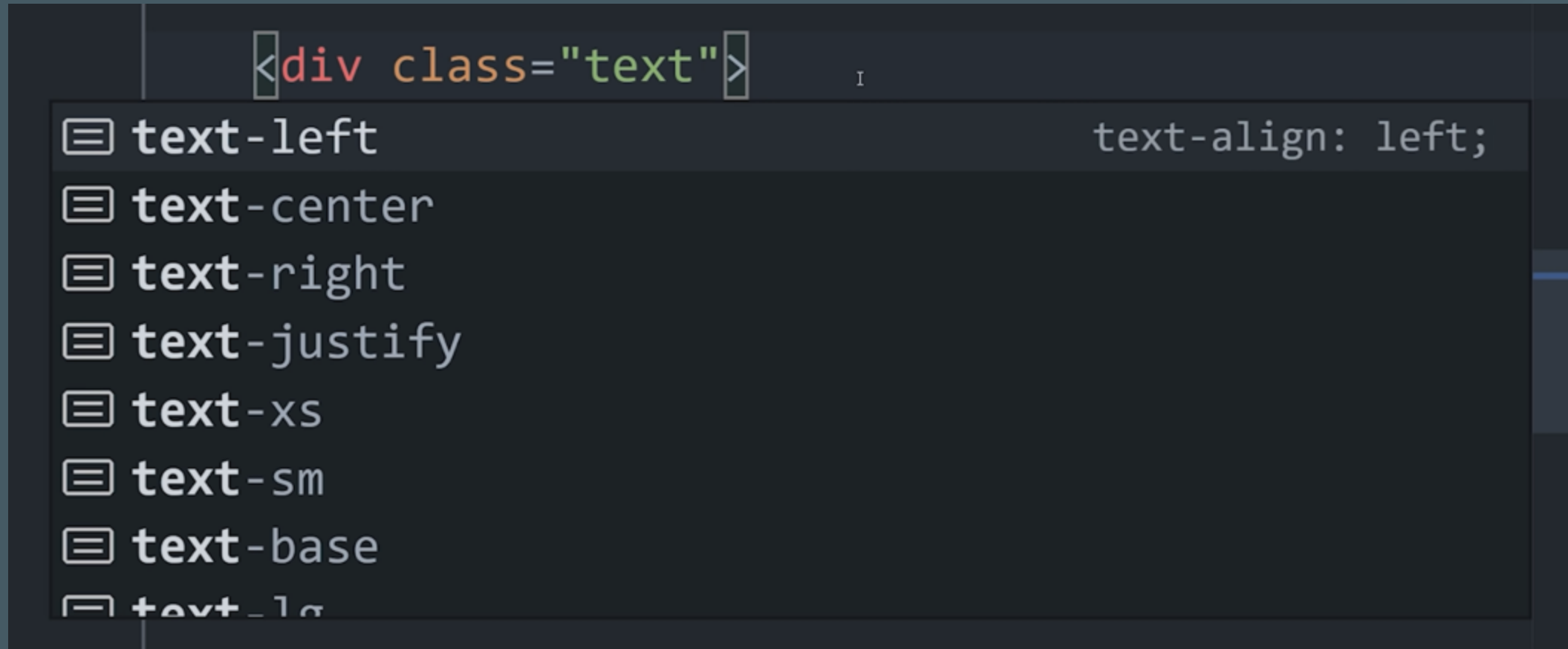


```
1  module.exports = {  
2    theme: {  
3      fontFamily: {  
4        display: ['Inter', 'system-ui', 'sans-  
5        body: ['Inter', 'system-ui', 'sans-ser  
6      },  
7      colors: {  
8        primary: {  
9          50: '#eff6ff',  
10         100: '#dbeafe',  
11         200: '#bfdbfe',  
12         300: '#93c5fd',  
13         400: '#60a5fa',  
14         500: '#3b82f6',  
15         600: '#2563eb',  
16         700: '#1d4ed8',  
17         800: '#1e40af',  
18         900: '#1e3a8a',  
19       },  
    },  
  }
```

Building the CSS

Tailwind generates CSS files that only contains the needed classes

Tooling: VSCode plugin



Documentation



v3.3.3 ▾

Connect 2023 Recap · Everything that was announced at our special event >

Docs

Components

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Showcase



🔍 Quick search... ⌘K

Justify Items

Justify Self

Align Content

Align Items

Align Self

Place Content

Place Items

Place Self

Spacing

Padding

Margin

Spacing

Margin

Utilities for controlling an element's margin.

Class

Properties

`m-0`

`margin: 0px;`

`mx-0`

`margin-left: 0px;`
`margin-right: 0px;`

`my-0`

`margin-top: 0px;`
`margin-bottom: 0px;`

`ms-0`

`margin-inline-start: 0px;`

`me-0`

`margin-inline-end: 0px;`

On this page

Quick reference

Basic usage

- > Add margin to a single side
- > Add horizontal margin
- > Add vertical margin
- > Add margin to all sides
- > Using negative values
- > Using logical properties

Applying conditionally

- > Hover, focus, and other states
- > Breakpoints and media queries

Using custom values

- > Customizing your theme

Pros and cons

Pros

- Constrains styles to the design system
 - Better than Bootstrap if following a design
- Smaller CSS files
- No need to name CSS classes
- Nice for small or big projects
 - Easy to prototype designs
 - CSS and HTML in same place

Cons

- Can make HTML components a bit verbose
 - Solution 1: create components
 - Solution 2: use `@apply` directive
- At first, you need to spend some time to learn all the available classes
- Can be a bit tricky to do dynamic styling (but may be better now)

Showcase

<https://tailwindcss.com/showcase>