



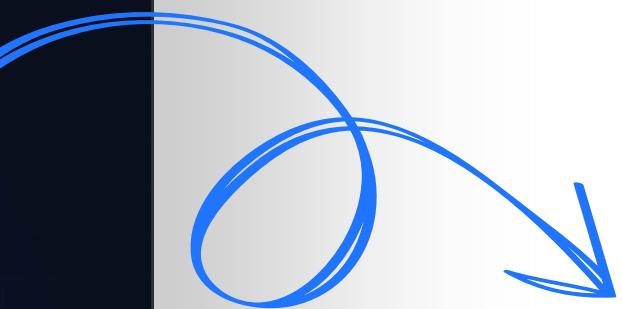
Video Contents



- What is Tailwind CSS ?
- Why is Tailwind CSS so popular ?
- How to use it or Installation ?  
- Some Important Tailwind Utility Classes.
- Practice, Practice, Practice.
- Real World Exposure with a Major Project.

What is Tailwind CSS?

Tailwind CSS is an open-source **utility first** CSS framework that allows users to build **custom user interfaces** and **responsive designs** in HTML without using **external CSS**.

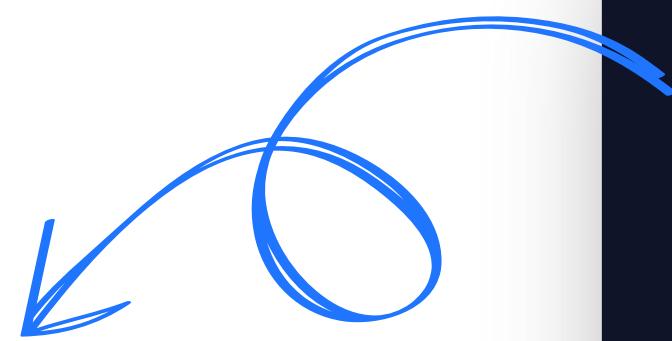
A screenshot of the Tailwind CSS website. The header features the 'tailwindcss' logo and navigation links for 'Docs', 'Components', 'Blog', and 'Showcase'. Below the header, a large white text area on a dark background reads 'Rapidly build modern websites without ever leaving your HTML.' A subtext below it says: 'A utility-first CSS framework packed with classes like `flex`, `pt-4`, `text-center` and `rotate-90` that can be composed to build any design, directly in your markup.' At the bottom, there's a 'Get started' button, a search bar, and a snippet of HTML code in a modal window. The code snippet shows a figure element with various Tailwind CSS classes applied.

Goto: <https://tailwindcss.com>

Why is Tailwind CSS so popular ?

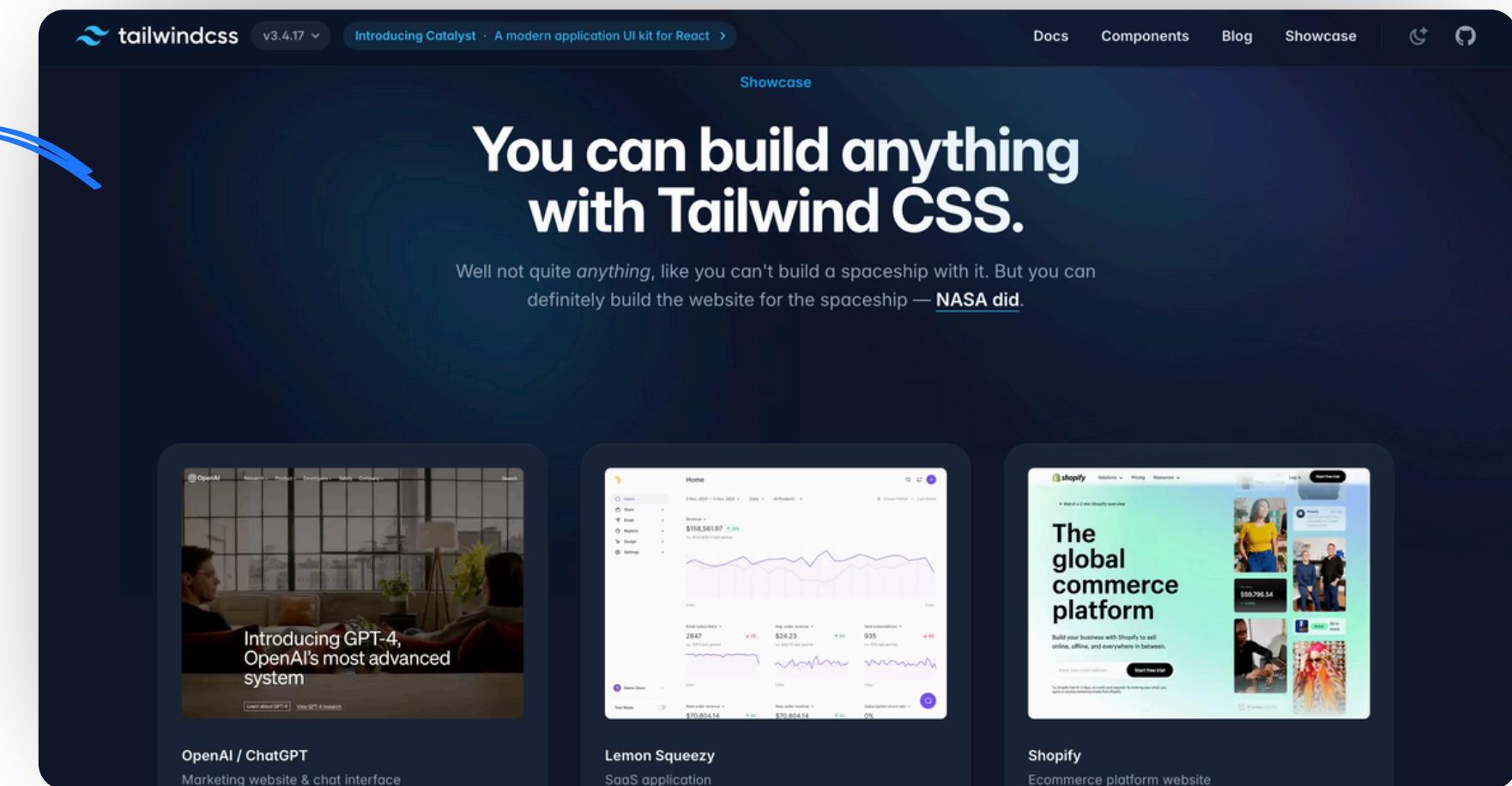


- **Utility-First Approach** – Full Control on Design
- **No More Custom CSS** – Faster Development
- **Highly Customizable** – Design Your Way
- **Responsive Design Made Easy**
- **Performance Optimized** – Super Lightweight
- **Large Community & Ecosystem**



Goto:

<https://tailwindcss.com/showcase>

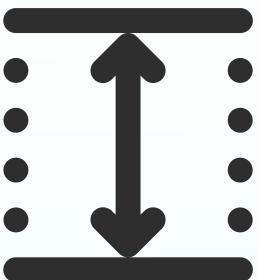


Some Tailwind Utility Classes



- **Color** - To change the color of **any** text

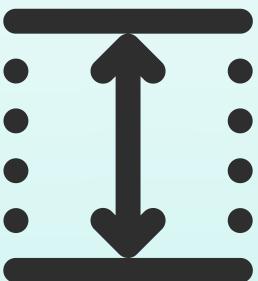
```
<h1 class="text-red-50">Learn Coding</h1>
```



```
<h1 class="text-red-950">Learn Coding</h1>
```

- **Background Color** - To change the color of background

```
<h1 class="bg-red-50">Learn Coding</h1>
```



What will be the last range in background color??

Some Tailwind Utility Classes



- **Font Size** - To change the font size of any text

```
<h1 class="text-2xl">Learn Coding</h1>
```



There are many more !

- **Font weight** - To change the font **weight**

```
<h1 class="font-bold">Learn Coding</h1>
```



There are many more !

Some Tailwind Utility Classes



- **Border** - To add border to any element

```
<div class="border">  
  Hi this is learn coding  
</div>
```

- **Border Radius** - To add rounded border

```
<div class="border rounded">  
  Hi this is learn coding  
</div>
```

Some Tailwind Utility Classes



- **width** - To add width to an element

```
<div class="w-44 h-44">  
  Hi this is learn coding  
</div>
```

- **Height** - To add height to an element

```
<div class="w-44 h-44">  
  Hi this is learn coding  
</div>
```

Some Tailwind Utility Classes



- **Margin** - To add space to the outside of an element

```
<div class="bg-amber-400 m-2">  
  Hi this is learn coding  
</div>  
  
<div class="bg-emerald-400 m-2">  
  Hi this is learn coding  
</div>
```

Some Tailwind Utility Classes



- **Padding** - To add inner space to an element

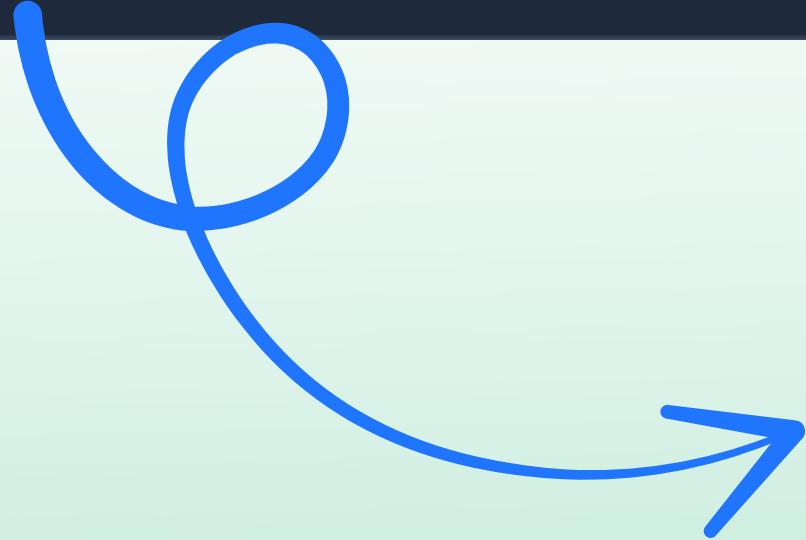
```
<div class="bg-amber-400 p-3">  
  Hi this is learn coding  
</div>
```

Some Tailwind Utility Classes



- **Flex-box** - To position an element in web page

```
<div class="flex p-3">
  <div class="h-40 w-40 bg-red-600"></div>
  <div class="h-40 w-40 bg-green-600"></div>
</div>
```



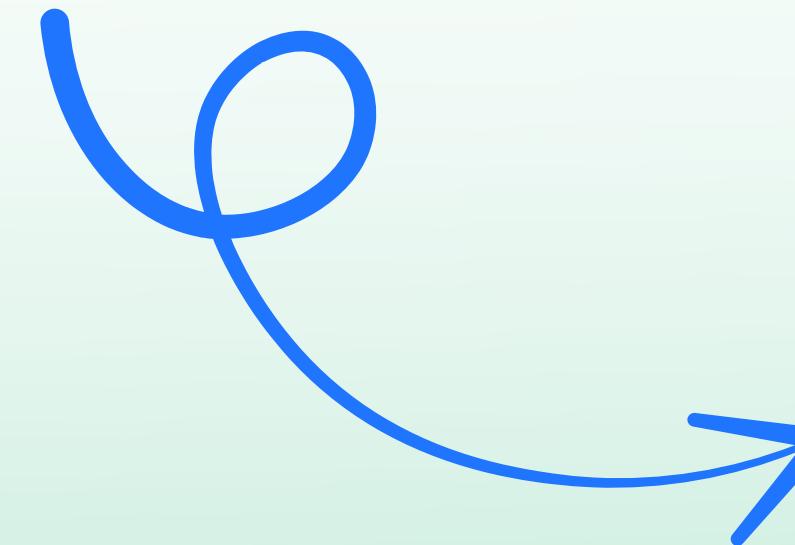
Let's see some flex-box related classes

Some Tailwind Utility Classes



- **Grid** - To position an element in web page

```
<div class="grid grid-cols-3 gap-2">
  <div class="border bg-emerald-300 p-4">hi this is learn coding</div>
  <div class="border bg-amber-300 p-4">hi this is learn coding</div>
  <div class="border bg-sky-400 p-4">hi this is learn coding</div>
</div>
```



Let's see some grid related classes

Some Tailwind Utility Classes



- **Responsive** - To make webpage responsive

- Tailwind's responsiveness comes with **mobile first approach**.
- We write classes assuming that it is rendering on **mobile**, then **tablet** and lastly **large screens like desktops**.
- For tablet we use **md:<utility-classes>**
- For desktops we use **lg:<utility-classes>**

Some Tailwind Utility Classes



- **Effects** - To add effects like **hover**, **focus**, **dark mode** etc.

- If you want a hover effect you just write **hover:<utility-class>**
- Tailwind comes with native dark mode support, for that you use **dark:<utility-class>** to enable dark mode in your website.



Thank You



