



How to setup Tailwind CSS V4

1. Ensure Node.js and npm are Installed:

Before starting, make sure you have Node.js installed on your system. You can verify their installation by running:

```
node -v
```

2. Create a Vite Project: [If you have a Vite Setup skip this step]

If you don't have a Vite project set up, you can create one using the following commands:

```
npm create vite@latest  
cd my-vite-app [Your own project name here]  
npm install
```

- **npm create vite@latest** Create a new Vite project in a directory named
- **cd my-vite-app** navigates into your project directory.
- **npm install** this command for install all vite dependency

3. Install Tailwind CSS and the Official Tailwind Vite Plugin:

Tailwind CSS v4 introduces Install both **tailwindcss** and the **@tailwindcss/vite** plugin using npm:

```
npm install tailwindcss @tailwindcss/vite
```

This command adds Tailwind CSS and its Vite plugin to your project's

4. Configure the Vite Plugin:

Next, set up the Tailwind CSS Vite plugin in your Vite configuration file. Open **vite.config.js** or **[vite.config.ts** if you're using TypeScript] and add the plugin:

```
// vite.config.js  
import { defineConfig } from 'vite';  
import tailwindcss from '@tailwindcss/vite';  
  
export default defineConfig({  
  plugins: [  
    tailwindcss(),  
  ],  
});
```

This configuration integrates Tailwind CSS into your Vite build process, ensuring that Tailwind's styles are processed correctly during development and production builds.

5. Create and Configure Your CSS File:

Create a CSS file [e.g., **src/index.css**] and import Tailwind CSS by adding the following line:

```
// src/index.css
@import "tailwindcss";
```

This line brings in all of Tailwind's base styles, components, and utilities.

6. Check index.css import in main.jsx correctly:

Ensure that your main JavaScript or TypeScript file imports the CSS file you just created. For example, in **src/main.jsx**:

```
// src/main.jsx
import './index.css';
```

This step ensures that the styles are applied throughout your application.

7. Start the Development Server:

Now, Open you vscode terminal and you can start your Vite development server :

```
npm run dev
```

Your application will now be running with Tailwind CSS v4 integrated.

8. Test in Yorur Code :

Start using Tailwind's utility classes in **app.jsx** to style your content.

```
// src/app.jsx
export default function App() {
  return (
    <h1 className="text-3xl font-bold underline">
      Hello world!
    </h1>
  )
}
```

Your application will now be running with Tailwind CSS v4 integrated.