

# Step-by-Step Guide: React + Vite + Tailwind CSS (v4 Working Setup)

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## ☐ STEP 1: Create React + Vite Project

Open terminal and run:

```
npm create vite@latest my-app
```

Select:

- Framework: **React**
- Variant: **JavaScript**

Then:

```
cd my-app  
npm install
```

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## ☐ STEP 2: Install Tailwind (Correct Method for v4)

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

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## ☐ STEP 3: Configure Vite

Open/create:

```
☐ vite.config.js
```

```
import { defineConfig } from 'vite'
import react from '@vitejs/plugin-react'
import tailwindcss from '@tailwindcss/vite'

export default defineConfig({
  plugins: [
    react(),
    tailwindcss(),
  ],
})
```

---

## **STEP 4: Setup Tailwind in CSS**

Open:

src/index.css

Replace everything with:

```
@import "tailwindcss";
```

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## **STEP 5: Ensure CSS is imported**

Open:

src/main.jsx

Make sure this line exists:

```
import './index.css'
```

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## **STEP 6: Run the project**

```
npm run dev
```

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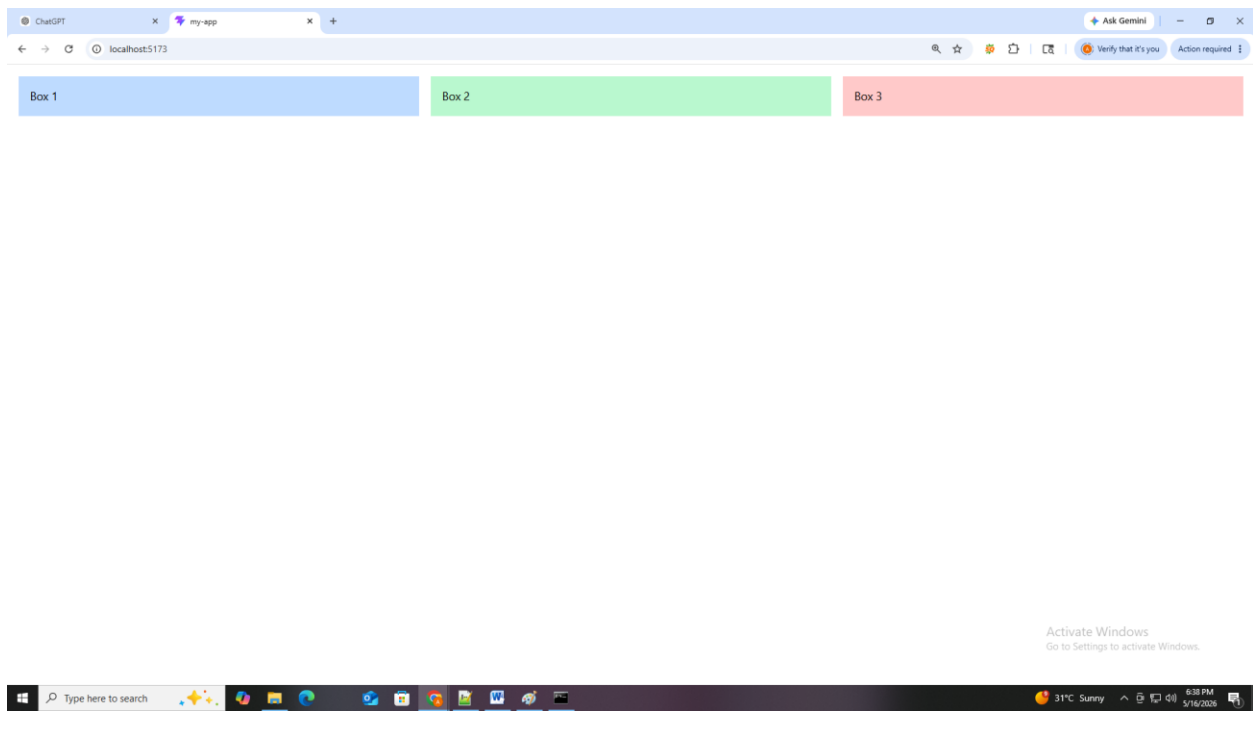
## **STEP 7: Test Tailwind**

Open App.jsx:

```
function App() {
```

```
return (  
  <div className="grid grid-cols-1 md:grid-cols-3 gap-4 p-4">  
    <div className="bg-blue-200 p-4">Box 1</div>  
    <div className="bg-green-200 p-4">Box 2</div>  
    <div className="bg-red-200 p-4">Box 3</div>  
  </div>  
)  
}  
  
export default App
```

## Expected Output



## Key Teaching Notes (VERY IMPORTANT)

Explain to students:

✓ This is Tailwind v4 way:

- Uses Vite plugin: @tailwindcss/vite
- Uses CSS import: @import "tailwindcss"

## correct Tailwind setup (v4 safe)

```
npm install -D tailwindcss @tailwindcss/vite
```

---

### **STEP 3: FIX vite.config.js (IMPORTANT)**

Open or create:

```
import { defineConfig } from 'vite'
import react from '@vitejs/plugin-react'
import tailwindcss from '@tailwindcss/vite'

export default defineConfig({
  plugins: [
    react(),
    tailwindcss(),
  ],
})
```

---

### **STEP 4: Fix CSS (IMPORTANT CHANGE)**

Open:

src/index.css

Replace EVERYTHING with:

```
@import "tailwindcss";
```

# Step-by-step correct setup for normal html and css website project(fresh folder)

```
mkdir mytailwind
```

```
cd mytailwind
```

## 1. Initialize project first (IMPORTANT)

Inside your new folder:

```
npm init -y
```

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## 2. Install Tailwind properly

```
npm install -D tailwindcss @tailwindcss/cli
```

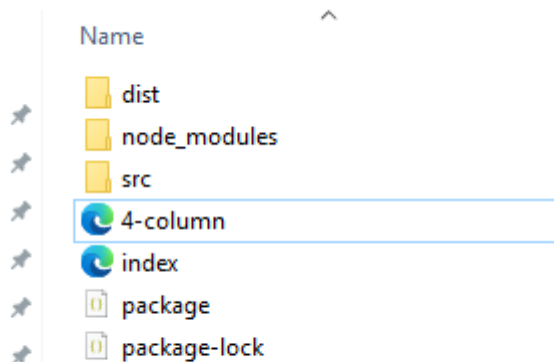
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## 3. Create folder structure

Make this:

```
mytailwind/  
  src/  
    input.css  
  dist/  
    index.html
```

Search Results in New Volume (D:) > mytailwind



## 4. Add Tailwind input file

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

---

## 5. Run Tailwind build

```
npx tailwindcss -i ./src/input.css -o ./dist/output.css -watch
```

## 6. Link CSS in HTML

```
index.html  
  
<!DOCTYPE html>  
<html>  
<head>  
  <link href="./dist/output.css" rel="stylesheet">  
</head>  
<body class="bg-black text-white flex items-center justify-center min-h-screen">  
  <h1 class="text-4xl text-blue-400">Tailwind v4 Working ☐</h1>  
</body>  
</html>
```