

Introduction to Tailwind CSS and shadcn

What is Tailwind CSS?

A utility-first CSS framework that provides low-level styling classes.

Enables you to style elements directly in HTML or JSX with pre-built classes.

Why Use Tailwind CSS?

Customizable: Configure colors, fonts, and spacing in `tailwind.config.js`.

Responsive Design: Built-in responsive utilities (e.g., `md:text-lg`).

Efficient: Only ships used CSS, keeping files optimized for production.

Example of Tailwind CSS Usage

```
<button className="bg-blue-500 text-white font-bold py-2 px-4 rounded">
```

Click Me

```
</button>
```

What is shadcn?

A collection of UI components that works well with React-based frameworks.

Uses Radix UI and Tailwind CSS to provide accessible, highly customizable components.

Why Use shadcn?

Pre-Built Components: Includes buttons, dialogs, forms, and more.

Accessible and Themeable: Components are designed to be accessible and easily themeable with Tailwind CSS.

Productivity: Speeds up development with ready-to-use, flexible components.

When to Use Tailwind CSS and shadcn Together?

deal for building customizable and consistent UI quickly.

Perfect for React-based projects, e.g., Next.js, where you want flexibility and pre-built UI components.