

# TailwindCSS

## Cheatsheet



# WHAT'S TAILWINDCSS?

Tailwind CSS is a utility-first CSS framework that provides low-level utility classes to help you build custom designs without leaving your HTML.

Unlike traditional CSS frameworks like Bootstrap, which provide pre-designed components, Tailwind gives you building blocks (utility classes) to create your own unique designs more easily and quickly.

It's highly customizable and designed for flexibility, allowing you to create complex layouts and style components by applying classes directly to the HTML elements.

## Example:



```
<div class="bg-white p-6 rounded-lg  
shadow-lg"></div>
```



# FLEXBOX & GRID

- **flex**: Apply Flexbox
- **flex-row**: Row alignment (default)
- **flex-col**: Column alignment
- **flex-wrap**: Enable flex-wrap
- **justify-start | justify-center | justify-end | justify-between**: Justify content
- **items-start | items-center | items-end**:  
Align items
- **grid**: Use Grid
- **grid-cols-2**: Number of columns (e.g., 2 columns)





## SIZING

- **w-full**: Full width
- **h-full**: Full height
- **w-1/2**: 50% width
- **h-1/3**: 33% height
- **max-w-sm**: Max width (e.g., small)
- **min-h-screen**: Minimum height to cover the full screen

## SPACING (MARGIN & PADDING)

- **m-4 | mt-4 | mr-4 | mb-4 | ml-4**: Margin (all, top, right, bottom, left)
- **p-4 | pt-4 | pr-4 | pb-4 | pl-4**: Padding (all, top, right, bottom, left)
- **space-x-4 | space-y-4**: Space between children horizontally or vertically



- **text-lg|text-2xl**: Text size
- **font-bold | font-semibold**: Font weight
- **uppercase**: Uppercase text
- **tracking-wide**: Letter spacing
- **leading-tight**: Line height (vertical spacing between lines)
- **text-center | text-right | text-left**: Text alignment

## COLORS

- **text-red-500**: Red text
- **bg-blue-500**: Blue background
- **border-green-500**: Green border
- **Color opacity**: text-red-500/50 (50% opacity)



## BORDERS & RADIUS

- **border**: Apply a border
- **border-2 | border-4**: Border thickness
- **rounded | rounded-full | rounded-lg**: Rounded corners
- **border-dashed | border-solid**: Border style (dashed, solid)

## DISPLAY & POSITIONING

- **hidden**: Hide an element
- **block | inline-block**: Display block or inline-block
- **absolute | relative | fixed**: Absolute, relative, or fixed positioning
- **top-0 | left-0**: Positioning at the top or left





## SHADOWS

- **shadow | shadow-lg | shadow-2xl:** Apply shadows
- **shadow-md:** Medium shadow

## BACKGROUNDS

- **bg-cover | bg-contain:** Background cover or contain
- **bg-center | bg-left | bg-right:** Background positioning



## TRANSITIONS & TRANSFORMS

- **transition**: Enable a transition
- **duration-500**: 500ms transition duration
- **ease-in-out**: Transition easing
- **transform**: Apply transformations
- **scale-105**: Scale up by 105%
- **rotate-45**: Rotate by 45 degrees

## Z-INDEX & OPACITY

- **z-10**: Z-index of 10
- **opacity-50**: 50% opacity





## RESPONSIVE DESIGN

- **sm: | md: | lg: | xl:** Breakpoints (small, medium, large, extra-large)
- **md:w-1/2:** 50% width from medium screen size
- **sm:text-sm:** Smaller text on small screens

## INTERACTION UTILITIES

- **hover:bg-blue-700:** Change background color on hover
- **focus:outline-none:** Remove focus border
- **active:bg-red-700:** Background color on click (active state)



## MISCELLANEOUS

- **cursor-pointer**: Pointer (hand) cursor
- **select-none**: Disable text selection
- **pointer-events-none**: Disable mouse events





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