

# Tailwind CSS concepts

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## Installing Tailwind CSS

Follow the [step-by-step guide](#) on the Official Documentation

## Working with Tailwind CSS

Here are some of the most widely used Tailwind CSS classes

Feature	Tailwind CSS Classes
<b>Sizing</b>	<code>w-10</code> , <code>h-10</code> , <code>w-full</code> , <code>h-screen</code> , <code>max-w-md</code> , <code>min-h-[300px]</code>
<b>Colors</b>	<code>text-red-500</code> , <code>bg-blue-600</code> , <code>border-gray-300</code> , <code>hover:bg-green-400</code> , <code>opacity-75</code>
<b>Spacing (Margin &amp; Padding)</b>	<code>m-4</code> , <code>p-6</code> , <code>mx-auto</code> , <code>px-8</code> , <code>py-4</code> , <code>space-x-4</code> , <code>gap-6</code>
<b>Text and Fonts</b>	<code>text-lg</code> , <code>text-2xl</code> , <code>font-bold</code> , <code>italic</code> , <code>tracking-wide</code> , <code>leading-relaxed</code> , <code>text-center</code>
<b>Border</b>	<code>border</code> , <code>border-2</code> , <code>border-gray-400</code> , <code>rounded-md</code> , <code>rounded-full</code> , <code>shadow-lg</code>
<b>Background</b>	<code>bg-red-500</code> , <code>bg-gradient-to-r from-blue-500 to-purple-600</code> , <code>bg-opacity-50</code> , <code>bg-cover</code>
<b>Flex and Grid</b>	<code>flex</code> , <code>flex-col</code> , <code>items-center</code> , <code>justify-between</code> , <code>grid</code> , <code>grid-cols-3</code> , <code>gap-4</code>
<b>Layout (Positioning)</b>	<code>absolute</code> , <code>relative</code> , <code>top-4</code> , <code>left-6</code> , <code>z-10</code> , <code>hidden</code> , <code>block</code> , <code>overflow-hidden</code>
<b>Transform &amp; Hover Effects</b>	<code>scale-105</code> , <code>rotate-45</code> , <code>hover:scale-110</code> , <code>hover:shadow-xl</code> , <code>hover:bg-opacity-75</code>

Feature	Tailwind CSS Classes
<b>Transition &amp; Animation</b>	<code>transition-all</code> , <code>duration-300</code> , <code>ease-in-out</code> , <code>animate-bounce</code> , <code>animate-fade</code>
<b>Responsive Design</b>	<code>sm:w-full</code> , <code>md:grid-cols-2</code> , <code>lg:flex</code> , <code>xl:px-16</code> , <code>2xl:container</code>