How does Tailwind CSS work exactly?

{JS} JavaScript Mastery

Tailwind CSS works by **rethinking traditional CSS** with a **utility-first approach.**

So instead of writing **custom class names** for elements, Tailwind breaks styles into **small, reusable utility classes.**


```css
.text-sm {
    font-size: 12px
}
```

For example, instead of a **div** with a class of **container,** or an **h1** with a class of **container-heading...**

```html
<div class="container">
    <h1 class="container_heading">Pure CSS</h1>
</div>
```

```css
.container {
    display: flex;
    justify-content: center;
    align-items: center
}

.container_heading {
    color: blue;
    font-size: 12px;
}
```

...you could add these instead:

- **flex** - display: flex
- **justify-center** - justify-content: center


```
.flex{
    display: flex
}
```

There are similar utilities for **colors, font sizes, and more.**

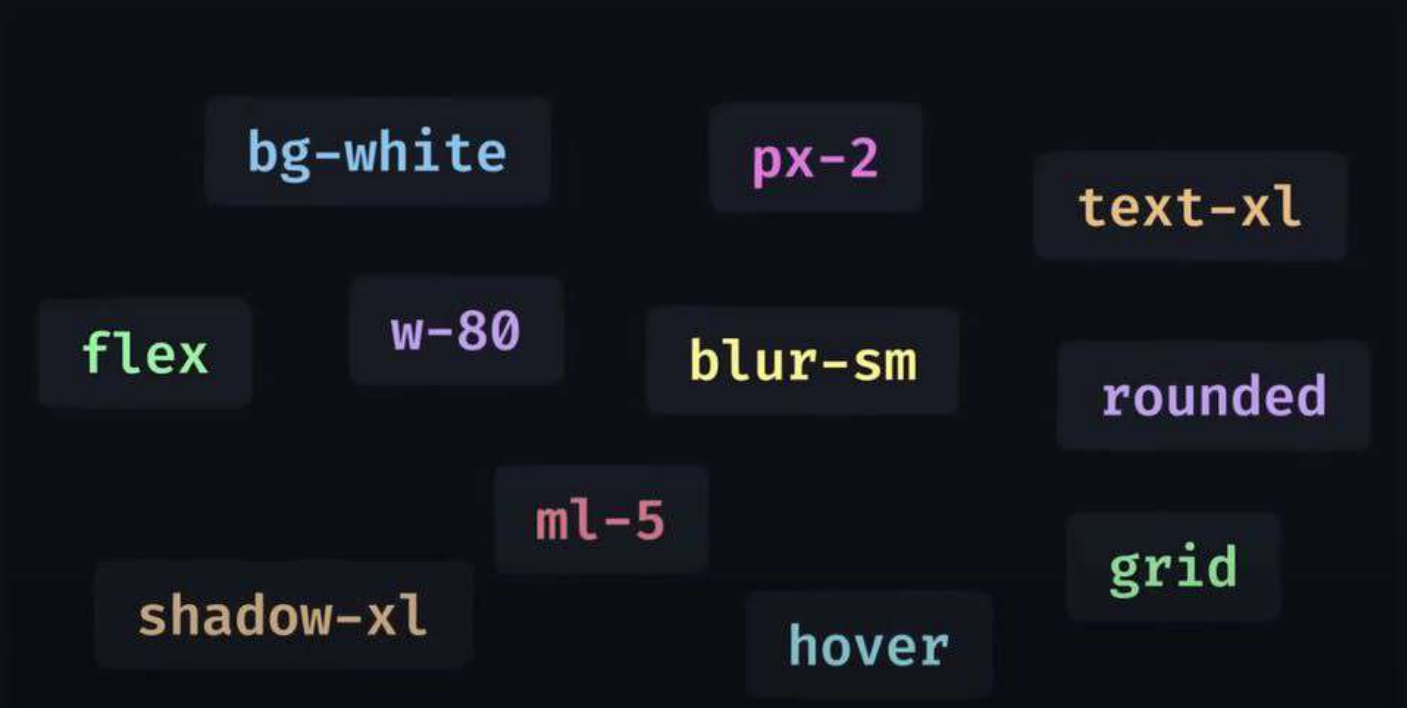With these **pre-defined classes,** you compose styles directly in your HTML by **combining utilities,** like:

- 'flex justify-center items-center' on a **div**
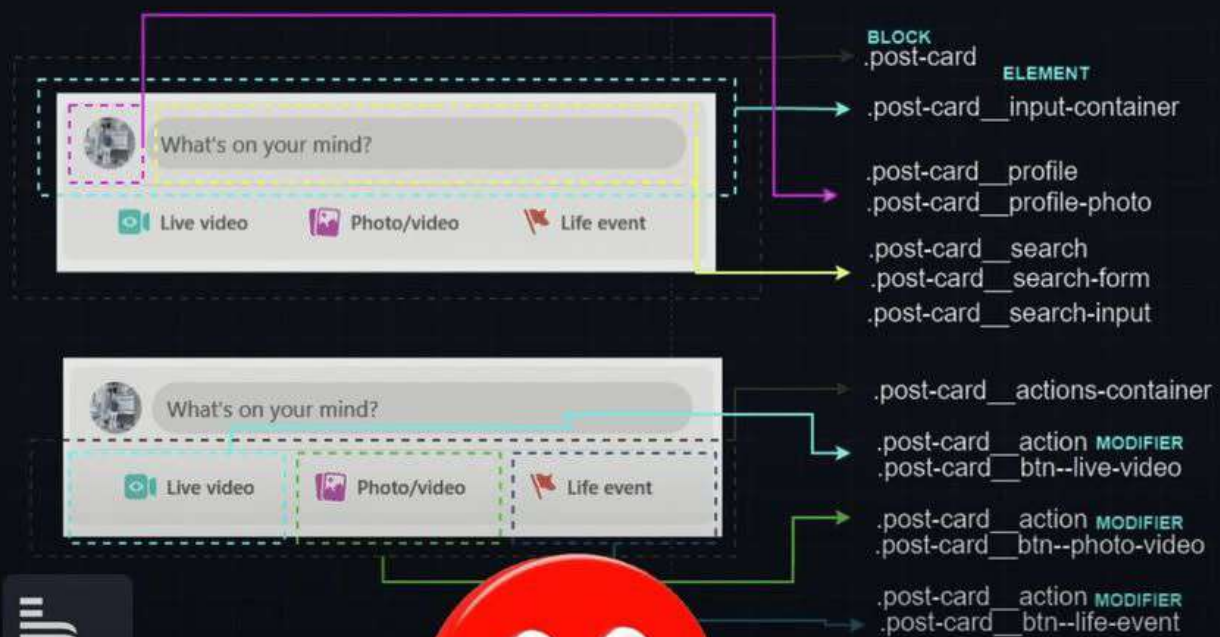- 'text-lg font-bold' on a **<p>** tag.

tailwindcss

```
<div class="flex justify-center items-center">
    <p class="text-blue text-sm">Pure CSS with a Twist<p>
</div>
```

This **eliminates the need** to write custom CSS rules – you build designs by layering automatic utility classes **directly in your markup.**

```
bg-white          px-2
                                text-xl
flex       w-80
                 blur-sm        rounded
          ml-5
shadow-xl                       grid
                       hover
```

This might feel like just a lot of extra work, but it'll save you hours because **you won't have to worry about class names!**

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