

How does Tailwind CSS work exactly?

 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**.

 Utility



 .text-sm

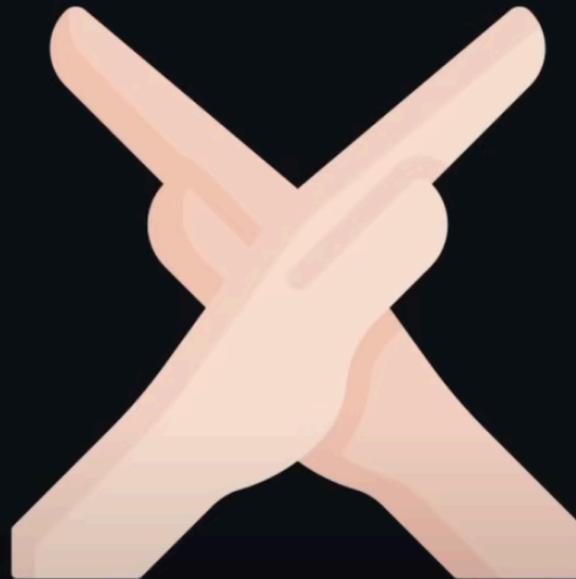
.text-sm {
font-size: 12px
}

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

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

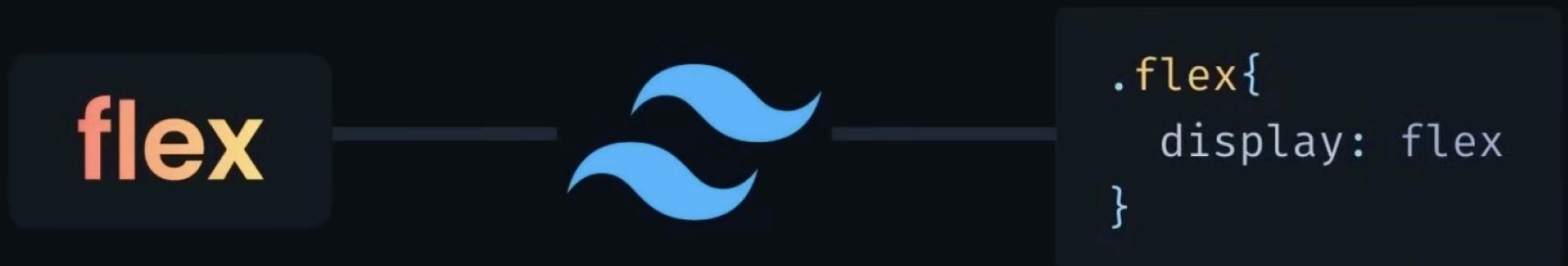
```
.container {
  display: flex;
  justify-content: center;
  align-items: center
}

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



...you could add these instead:

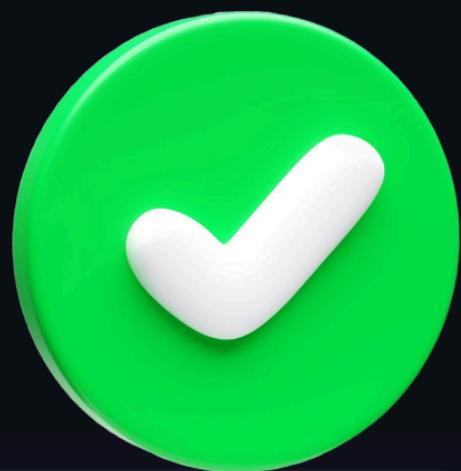
- **flex** - display: flex
- **justify-center** - justify-content: center



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

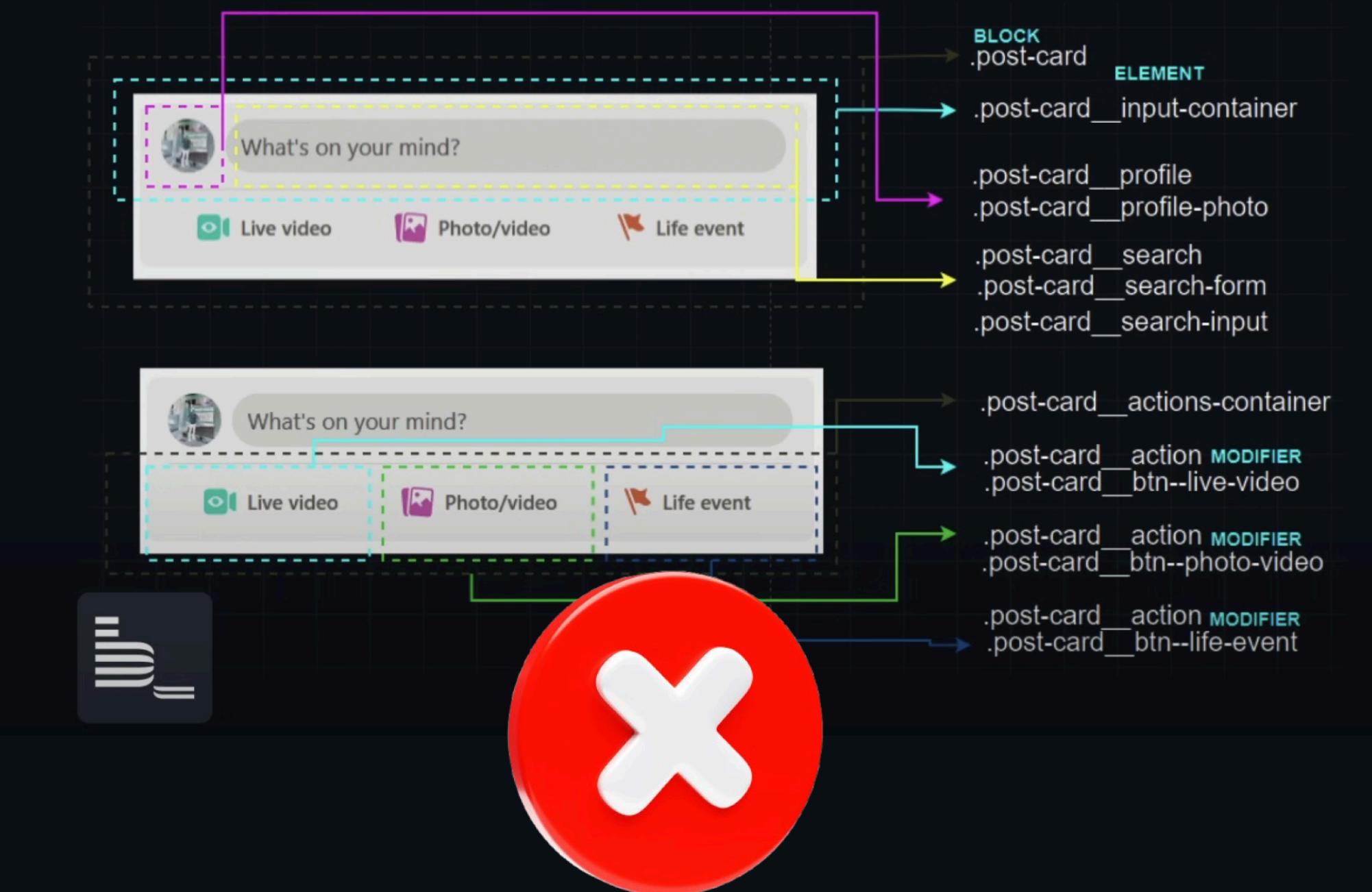
ml-5

grid

shadow-xl

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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