

## Animation Classes in Tailwind CSS

Tailwind provides built-in utility classes for applying common animations like **bounce**, **spin**, **pulse**, **ping**, etc.

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### 1. Bounce Animation

```
<div class="animate-bounce bg-blue-500 text-white w-32 h-16 flex items-center justify-center rounded">
```

```
Bounce
```

```
</div>
```

→ **What it does:** Makes the element "bounce" up and down continuously.

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### 2. Spin Animation

```
<div class="animate-spin border-4 border-t-4 border-blue-500 rounded-full h-16 w-16"></div>
```

→ **What it does:** Rotates (spins) the element in a circular motion.

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### 3. Ping Animation

```
<span class="relative flex h-4 w-4">
```

```
<span class="animate-ping absolute inline-flex h-full w-full rounded-full bg-sky-400 opacity-75"></span>
```

```
<span class="relative inline-flex rounded-full h-4 w-4 bg-sky-500"></span>
```

```
</span>
```

→ **What it does:** Creates a ripple effect (like a radar ping).

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### 4. Pulse Animation

```
<div class="animate-pulse bg-red-500 h-16 w-32 rounded"></div>
```

→ **What it does:** Gently fades the element in and out (used to indicate loading states).