# AOS Animation Reference

Here are all the available animation types you can use with the data-aos attribute. Simply copy the name and use it like this: <div data-aos="fade-up">...</div>.

## 1. Fade Animations

These animations control the opacity of the element, making it fade in from different directions.

- fade
- fade-up
- fade-down
- fade-left
- fade-right
- fade-up-right
- fade-up-left
- fade-down-right
- fade-down-left

## 2. Flip Animations

These animations "flip" the element into view.

- flip-up
- flip-down
- flip-left
- flip-right

## 3. Slide Animations

These are similar to fades but with more motion, making the element slide into place.

- slide-up
- slide-down
- slide-left
- slide-right

## 4. Zoom Animations

These animations make the element grow or shrink into view.

- zoom-in
- zoom-in-up
- zoom-in-down
- zoom-in-left
- zoom-in-right
- zoom-out

- zoom-out-up
- zoom-out-down
- zoom-out-left
- zoom-out-right

## Advanced Customization

You can combine the animation type with other attributes for more control.

| Attribute | Example | Description |
| --- | --- | --- |
| data-aos-offset | data-aos-offset="200" | Triggers animation when element is 200px from viewport |
| data-aos-duration | data-aos-duration="1000" | Makes the animation last for 1000ms (1 second) |
| data-aos-delay | data-aos-delay="300" | Waits 300ms before starting the animation |
| data-aos-easing | data-aos-easing="ease-in-out" | Controls the acceleration curve of the animation |
| data-aos-once | data-aos-once="false" | Makes the animation repeat every time you scroll past |

**Example of combining attributes:**

```
<!-- This element will fade in from the left, take 1.2 seconds, and wait 0.5 seconds before starting -->
<div data-aos="fade-left" data-aos-duration="1200" data-aos-delay="500">
  ...
</div>
```