

## CSS Transition Syntax

```
.element {
  transition:
    $transition-property
    $transition-duration
    $transition-timing-function
    $transition-delay;
}

.element:hover {
  $transition-property:
    some-new-value;
}
```

*optional!!*

The order of these properties doesn't matter, except for **duration** and **delay**: **duration** ALWAYS comes first!

## CSS Animation Syntax

```
.element {
  animation:
    $animation-name
    $animation-duration
    $animation-iteration-count
    $animation-timing-function
    $animation-direction
    $animation-fill-mode
    $animation-play-state;
}

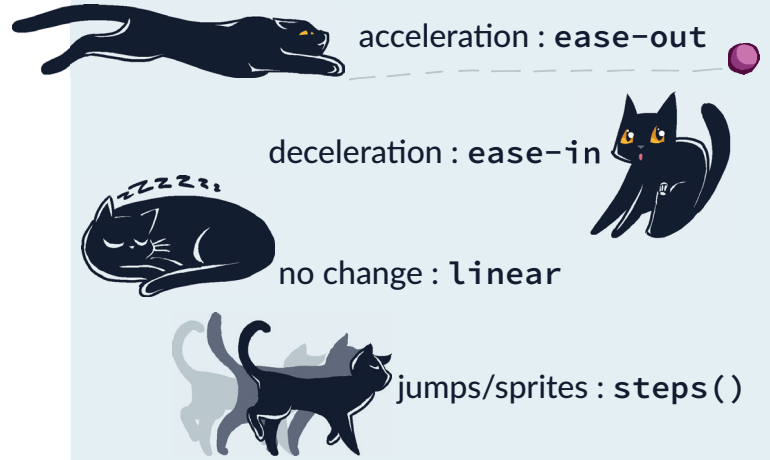
@keyframes-$animation-name {
  0% { property: start-value; }
  100% { property: end-value; }
}
```

*optional!!*

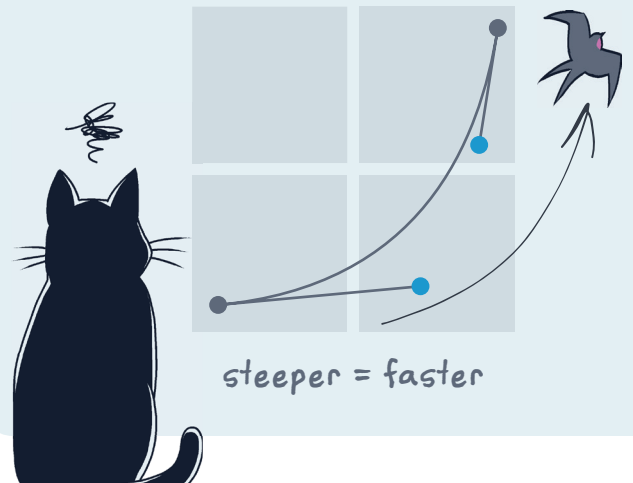
CSS takes seconds and milliseconds for time values, but JavaScript uses milliseconds.



## Easings

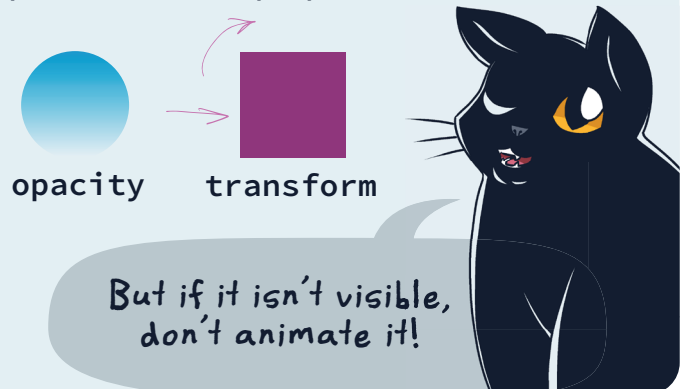


custom: cubic-bezier(w,x,y,z)



## Performance

Currently browsers share two performant CSS properties:



But if it isn't visible, don't animate it!