**@keyframes**

The @keyframes CSS at-rule controls the intermediate steps in a CSS animation sequence by defining styles for keyframes (or waypoints) along the animation sequence. This gives more control over the intermediate steps of the animation sequence than transitions.

**Syntax**

@keyframes slidein {

from {

transform: translateX(0%);

}

to {

transform: translateX(100%);

}

}

**Values**

<custom-ident> - A name identifying the keyframe list. This must match the identifier production in CSS syntax.

from - A starting offset of 0%.

to - An ending offset of 100%.

<percentage> - A percentage of the time through the animation sequence at which the specified keyframe should occur.

## [**Description**](https://developer.mozilla.org/en-US/docs/Web/CSS/@keyframes#description)

To use keyframes, create a @keyframes rule with a name that is then used by the [animation-name](https://developer.mozilla.org/en-US/docs/Web/CSS/animation-name) property to match an animation to its keyframe declaration. Each @keyframes rule contains a style list of keyframe selectors, which specify percentages along the animation when the keyframe occurs, and a block containing the styles for that keyframe.

You can list the keyframe percentages in any order; they will be handled in the order they should occur.

JavaScript can access the @keyframes at-rule with the CSS object model interface [CSSKeyframesRule](https://developer.mozilla.org/en-US/docs/Web/API/CSSKeyframesRule).

### [Valid keyframe lists](https://developer.mozilla.org/en-US/docs/Web/CSS/@keyframes#valid_keyframe_lists)

If a keyframe rule doesn't specify the start or end states of the animation (that is, 0%/from and 100%/to), browsers will use the element's existing styles for the start/end states. This can be used to animate an element from its initial state and back.

Properties that can't be animated in keyframe rules are ignored, but supported properties will still be animated.

Example:

@keyframes identifier {

0% {

top: 0;

left: 0;

}

30% {

top: 50px;

}

68%,

72% {

left: 50px;

}

100% {

top: 100px;

left: 100%;

}

}

**!important in a keyframe**

Declarations in a keyframe qualified with !important are ignored.

CSS

@keyframes important1 {

from {

margin-top: 50px;

}

50% {

margin-top: 150px !important;

} /\* ignored \*/

to {

margin-top: 100px;

}

}

@keyframes important2 {

from {

margin-top: 50px;

margin-bottom: 100px;

}

to {

margin-top: 150px !important; /\* ignored \*/

margin-bottom: 50px;

}

}