

CSS ANIMATIONS

- An animation lets an element gradually change from one style to another.
- You can change as many CSS properties you want, as many times as you want.
- To use CSS animation, you must first specify some keyframes for the animation.
- Keyframes hold what styles the element will have at certain times



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To learn about CSS Animations you must follow the below properties:

- @keyframes
- animation-name
- animation-duration
- animation-delay
- animation-iteration-count
- animation-direction
- animation-timing-function
- animation-fill-mode



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@keyframes Rule

- When you specify CSS styles inside the @keyframes rule, the animation will gradually change from the current style to the new style at certain times.
- To get an animation to work, you must bind the animation to an element

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animation-name:

To start the animation initially we want to declare a value in animation-name

animation-delay:

- The animation-delay property specifies a delay for the start of an animation.

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animation-iteration-count:

- The animation-iteration-count property specifies the number of times an animation should run

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animation-direction:

The animation-direction property specifies whether an animation should be played forwards, backwards or in alternate cycles.

The animation-direction property can have the following values:

- normal - The animation is played as normal (forwards). This is default
- reverse - The animation is played in reverse direction (backwards)
- alternate - The animation is played forwards first, then backwards
- alternate-reverse - The animation is played backwards first, then forwards

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animation-timing-function:

The animation-timing-function property specifies the speed curve of the animation.

The animation-timing-function property can have the following values:

- ease - Specifies an animation with a slow start, then fast, then end slowly (this is default)
- linear - Specifies an animation with the same speed from start to end
- ease-in - Specifies an animation with a slow start
- ease-out - Specifies an animation with a slow end
- ease-in-out - Specifies an animation with a slow start and end

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animation-fill-mode:

The animation-fill-mode property specifies a style for the target element when the animation is not playing (before it starts, after it ends, or both)

The animation-fill-mode property can have the following values:

- none - Default value. Animation will not apply any styles to the element before or after it is executing
- forwards - The element will retain the style values that is set by the last keyframe (depends on animation-direction and animation-iteration-count)
- backwards - The element will get the style values that is set by the first keyframe (depends on animation-direction), and retain this during the animation-delay period
- both - The animation will follow the rules for both forwards and backwards, extending the animation properties in both directions

Questions??

Every engineer has a tendency to tinker on a problem, lets answer few of them.

