

# CSS Animations: Bringing your websites to life

CSS animations add life to websites. They enhance user experience. This presentation covers key concepts. Learn to create dynamic effects. Discover optimization techniques. Unlock your animation skills.

**S** by Sanchitha Sanchitha

# What are CSS Animations?

## Key Concepts & Terminology

CSS animations manipulate HTML elements. They change properties over time. Keyframes define animation sequences. Understand terms like duration, iteration count, and easing. Master animation concepts.



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# The Power of @keyframes: Defining Animation Sequences

- Use @keyframes to define animation steps.
- Specify property values at each keyframe.
- Control the flow of the animation.
- Create custom animation sequences.


# Animating Multiple Properties: Creating Complex Effects

Animate several properties at once. Combine position, size, and color changes. Create intricate and complex effects. Explore the possibilities of CSS animations.



A graph showing an easing-out curve that starts at the origin and increases with a decreasing slope, approaching a horizontal asymptote.

1. Ease out in 11%

A graph showing an easing-in curve that starts at the origin and increases with an increasing slope, approaching a vertical asymptote.

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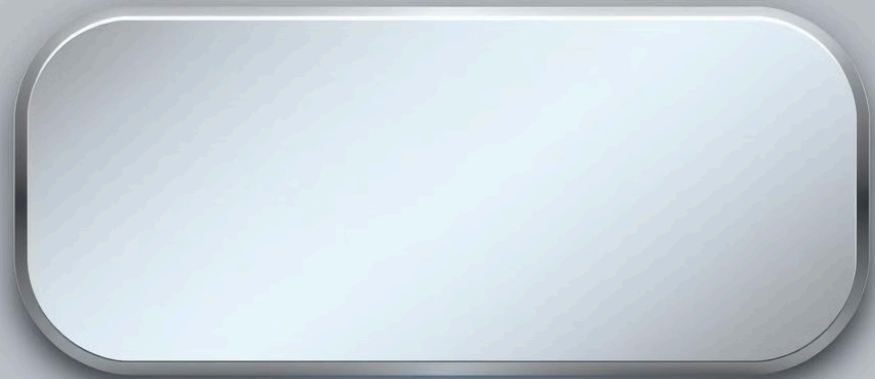
# Common Animation Properties: Timing, Transitions, and Easing

Timing: Set animation duration. Transitions: Smooth property changes. Easing: Control animation speed.

# Practical Examples: Case Studies and Code Snippets

## CSS Animation

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# Tips and Tricks for Optimization: Performance and Best Practices

- Use hardware acceleration. - Optimize images. - Reduce DOM manipulations. - Test on different devices.



# Resources and Further Learning: Expanding your animation skills

Explore online tutorials and documentation. Experiment with CSS animation libraries. Practice creating your own animations. Continually expand your animation skills.