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# Animax Library Documentation

## Properties

Animax is a simple animation library that allows developers perform engaging web animation with speed.

## Alternate Colours

This animation alternates the color of your object (i.e., HTML element such as images, text, etc.) with the seven colours of rainbow in the following sequence: Red, Orange, Yellow, Green, Blue, Indigo and Violet. This animation has two variations as below.

- Alternate colour: Alternates the colour of the whole body of the object.
- Alternate text colour: Alternates the colour of the text contained inside object.

## Bounce

The object bounces vertically up and translates linearly at distance preset at 50% to 200% of its resting position with various speeds preset at 1x, 2x up to 5x. Variations below are available for your preference.

- Bounce-1x to -5x: Increase in the number produces faster oscillation.
- Bounce and Slide: This produces a slide and bounce animation when applied to an object.

## Blink

This animation causes your object to blink continuously by changing its transparency.

- Blink: This produces a simple blinking effect on your applied object.

- Blink-red, -green and -blue: This makes your object to blink with corresponding colour suffixed, irrespective of the object's initial colour.
- Blink-text-red, -green and -blue: This applies the animation to text.
- Blink-and-fade: This animation applies both the phenomenon of blinking and fading to an object.

## Cloud

We thought deeply about this one to give an animation that makes your object to appear like it is floating, like a cloud! I mean, who doesn't want the ability to fly?

- Big cloud: Your object floats like a big cloud.

## Fade

This is one of the most popular animations used to provide engaging experience for web users.

As a developer, this is one you will like to keep in your animation arsenal.

- Fade-in: This gradually reduces the opacity of your object from full transparency to full opacity.
- Fade-out: This performs, precisely you are probably thinking, the opposite of Fade-in. The object transitions from full opacity to full transparency.
- Fade-in-out: This combines both the effect of Fade-in and Fade-out. Awesome, right?
- Fade-out-persist: After the object fades out, it retains the last transparency.

## Move

This causes your object to move linearly in all four directions. The object translates at preset distances of 50% to 100% from the object's initial position.

- Move-up:
- Move-down:
- Move-left:
- Move-right:

## Pulse

This produces an almost-similar animation as the fade and blink. Why still provide you ask?

Well, I believe after seeing our demonstration, it might become your favorite.

Pulse takes it a step further, by changing the opacity, as well as the object's shape to produce a pulsating effect.

- Heartbeat:
- Pulse:
- Reverse:

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## Rotate

The object rotates with a preset speed at various angles and directions.

- Spin: The object spins in the clock-wise direction at a preset speed.
- Reverse-spin: The object will rotate in the anti-clockwise direction, also at a preset speed.
- Rotate-angle-direction/Rotate-direction-angle:

## Stretch

This animation is also one we believe you will come to use often when providing engaging experience for your clients.

When applied, the object stretches both its width, height and/or both.

- Stretch-wide: The object provides an animation wherein it is being stretched horizontally.
- Stretch-high: The object stretches vertically.
- Squash-and-stretch: The animation displays the object being squashed and stretched simultaneously and/or alternately.

## Requirements

The library was designed and developed with beginner developers in mind. We made it so that you can instantly and easily start applying animations in your web projects.

As beginners, we believe you know how to make use of CSS selectors to apply styles. Do not worry, if you quite do not fully understand its usage, just follow our intuitive Usage Guide and

Examples and you'll be set in mere minutes to start providing your clients with awesome interactive and engaging experience.

- Basics of HTML
- Basics of CSS
- General Computer Knowledge

## **How to import the library**

Check the project GitHub's readme.md file.

## **Contributing to the library**

Check the project GitHub's contributing.md file.