

How To Use Animate.css



July 10, 2013 By Joe Martin Coding (<http://www.telegraphicsinc.com/category/coding/>)

Tweet

Нравится 24



In a recent battle with the “Just-add-water CSS Animations” plugin, Animate.css (<http://daneden.me/animate/>), I was a little distressed to find no documentation on the site.

It got to the point where I was flipping through multiple Google searches just looking for something basic. With that in mind, I thought we’d just start the process here to get you started using the Animate.css plugin.

Step 1: Download/Upload the plugin

This one is pretty simple. Click on the “Download on Github” link on the page, or click this link to visit the animate.css github page (<https://github.com/daneden/animate.css>). If you know what a .min.css file is, go right ahead and just use that version. If you don’t, click on the animate.css link in the middle of the page to access it’s set of coding.

Update source file for fadeInDown		
daneden	authored 3 months ago	latest commit 8429a2d0d7
source	Update source file for fadeInDown	3 months ago
README.md	Update license to MIT	4 months ago
animate.css	Update license to MIT	4 months ago
animate.min.css	BugFix on rotateOutUpLeft keyframes without vendor prefix	9 months ago

(<https://github.com/daneden/animate.css>)

(<https://raw.githubusercontent.com/daneden/animate.css/master/animate.css>) After clicking animate.css you’ll be taken to another GitHub page with options along the top. From here, click Raw. This will load the plugin’s full coding spectrum in basic text format. From here, you can copy and paste this into a file called animate.css, or simply go to File > Save Page As.

Obviously save the file to someplace on your computer that you’ll actually be able to find it again. With the file downloaded locally on your system, you’re now ready to upload the file to your FTP server. If you do not know how to do this, just...just stop reading this tutorial. No problem helping you out, but uploading to a server is 100 level stuff which we’re not covering here.



Step 2: Add the Plugin To Your Pages

Same as you would load in any kind of file (css, js, etc.), we’re going to need to place a call to the file within the head of your HTML page (or your header.php include).

```
1 | <link rel="stylesheet" href="css/animate.css">
```

Honestly, that’s about it. From this stage alone, we’re ready to start taking advantage of the cool little CSS3 animations.

Step 3: Adding Animation to an Element

Looking at the code on the Animate.css page will help you none. Their coding is setup to process entirely through a set of javascript using the data-test attribute. Which, as you may have already found out, helps you none!

Note: Animation must be added to elements that have a height and width. For instance, adding it to an <a> tag that has an element floated within it isn't going to be of much use. You need to have something for it to actually animate.

To add animation, we're simply going to add a class to the element. So if we have:

```
1 | 
```

We're just going to add a source attribute for a class of "animated" and then whichever effect we'd like the object to replicate.

```
1 | 
```

Now, on page load, our element will load with a little bounce in it's step.

If you're having problems, create a copy of your page and start deconstructing it. Remove all of the elements you're not working with it to at least get this working in it's most basic form. If it's still not working, then you'll need to begin to check things like the site path and more.

Easiest way to check the site path is to view the source of the page. Most browsers these days will create links out of any external file references on the page. Click on the animate.css link from within the view source view. If it looks like you're loading a 401 page instead of the Raw code we copied over, it's possible your file isn't linked correctly, or you forgot to upload it.

Step 4: Create a Hover/Click Event

Unless we want our page going nuts when it first loads up, it's possible we want to control these animations either on hover or click. You can find a full video tutorial documenting a setup procedure, as well as these original functions over at Jose Browne's Online Playground (<http://www.josebrowne.com/tutorial-easy-css-animations-with-animate.css.html>).

Inline markup isn't going to always be the prettiest and goes against our basic rules of separation between content, presentation and functionality. Jose has created the following 2 functions specifically for Animate.css integration. Copy and paste one, or both, of these scripts onto your page; or, into a scripts.js file if you're trying to keep everything neatly organized.

Initiate Animation on Hover

```
1 | function animationHover(element, animation){
2 |     element = $(element);
3 |     element.hover(
4 |         function() {
5 |             element.addClass('animated ' + animation);
6 |         },
7 |         function(){
8 |             //wait for animation to finish before removing classes
9 |             window.setTimeout( function(){
10 |                 element.removeClass('animated ' + animation);
11 |             }, 2000);
12 |         });
13 | }
```

Initiate Animation on Click

```

1  function animationClick(element, animation){
2      element = $(element);
3      element.click(
4          function() {
5              element.addClass('animated ' + animation);
6              //wait for animation to finish before removing classes
7              window.setTimeout( function(){
8                  element.removeClass('animated ' + animation);
9              }, 2000);
10
11          });
12  }

```

To call these functions, we'll need to write a little chunk of jQuery. The purpose is just to let it know which elements require which function. So if we had a group of images, we would give them a call and call that through the jQuery. In our case, we're only applying this animation to the logo, so we only need "#logo".

```

1  $(document).ready(function(){
2      $('#logo').each(function() {
3          animationHover(this, 'bounce');
4      });
5  });

```

To the function, we're simply passing "this", since we're running the function on each iteration of #logo and then a designated animation. In our case, "bounce". Simply swap out the function name to run the function onClick instead of onHover and you've got yourself a designated click action.

Step 5: Use Tastefully

That's really it! Let's keep the beautiful web alive and flourishing. Any questions, please feel free to post them. To inquire about using these techniques on your TG hosted website, contact a project manager.

Sources: Jose Browne Online Playground (<http://www.josebrowne.com/tutorial-easy-css-animations-with-animate.css.html#UdtEtIOhvEM>), Animate.css (<http://daneden.me/animate/>) by Dan Eden

Tags: [css3](http://www.telegraphicsinc.com/tag/css3/) (<http://www.telegraphicsinc.com/tag/css3/>), [jQuery](http://www.telegraphicsinc.com/tag/jquery/) (<http://www.telegraphicsinc.com/tag/jquery/>), [plugin](http://www.telegraphicsinc.com/tag/plugin/) (<http://www.telegraphicsinc.com/tag/plugin/>)

Tweet

Нравится 24



Written By

Joe Martin

Interactive Director for Telegraphics, Inc.

(<http://www.telegraphicsinc.com/employee/joe-martin/>)

Joe Martin has over 14 years in the field of web design and development, with a Bachelor's degree in Interactive Media Design from the Art Institute.

32 Comments Telegraphics

Login

Recommend 6

Share

Sort by Best



Join the discussion...

LOG IN WITH

OR SIGN UP WITH DISQUS ?

Name



Ejaz Karim • 3 years ago

Demo?

How to hide elements on load? I'm using animate.css with waypoints to add animation after user scrolls to that element. But the problem is that all

How to hide elements on load? I'm using animate.css with waypoints.js to add animation after user scrolls to that element. But, the problem is that all elements are shown by default and animation have to hide them first and then it applies animation. I tried hiding elements by using display and visibility property with no success. Do I've to write extra script? Like
 \$('elem').css('visibility', 'visible').addClass('animated bounce')

Or is there is another way? Anyone had success with this?

18 ^ | v • Reply • Share ›



Bruno Pulis → Ejaz Karim • a year ago

Hi Ejaz,

You can use in CSS opacity: 0;

^ | v • Reply • Share ›



martin • 4 years ago

how to do it on page load

6 ^ | v • Reply • Share ›



gijsk → martin • 7 months ago

regular jquery

```
$(document).ready(function(){
  //your animation here
});
```

^ | v • Reply • Share ›



Syed Saim → gijsk • 6 months ago

how set animations when user scrolls the site it works?

please tell me.

^ | v • Reply • Share ›



satyam tiwari • 4 months ago

Nice Efforts!.. is there anyone who can give an idea to me for achieving desired results?.

Target - (i have used animation on all section but after page loading i am unable to see bottom sections animation please tell me how to achieve this without puts lots of scripting.)

Thanks in Advance Mate.

^ | v • Reply • Share ›



pb • 5 months ago

I started reading this and when I read that "If you don't know how to do this then just...just stop reading this tutorial", I felt bad. I think it was a little aggressive and I will not use this site again.

^ | v • Reply • Share ›



Ed • 8 months ago

I love you commentary on here. Frickin' hilarious....and mostly "thank you" for putting this together. It's not obvious how to add the animate.css code. I too tried to figure it out using their CSS and HTML. It didn't help one bit! lol

^ | v • Reply • Share ›



bob • a year ago

i can't make it work

```
<html>
<head>
<title>aNIMATIONS!</title>
<link rel="stylesheet" href="css/animate.css">
<style type="text/css">
.item {
background-color: red;
width: 200px;
height: 200px;
margin: 100px auto 0 auto;
}
</style>
</head>
<body>
<div class="item animated infinite bounce"></div>

</body>
</html>
```

^ | v • Reply • Share ›



Hans Dampf • 2 years ago

awesome dude ...

^ | v • Reply • Share ›

**\$niper** • 2 years ago

The hover not working for me :/

^ | v • Reply • Share ›

**Mike** • 2 years ago

This didn't work for me at all

^ | v • Reply • Share ›

**Mike Robertson** • 2 years ago

Hey Joe,

Thanks for the article! I am currently modifying a premium Wordpress theme and would like to use animate.css for some visual effects. I am not super awesome with php and the theme developer has used what I would call "heavy php" throughout the theme. Would I add the animate.css into the actual php functions? I want to make the logo bounce in upon loading..

^ | v • Reply • Share ›

**Sheree Walker** • 2 years ago

Is this thread still active? I am having a really hard time trying to get this to work. Any help would be amazing.

^ | v • Reply • Share ›

**Guest** • 2 years ago

awesome

fabulous job done..... :)

^ | v • Reply • Share ›

**Kevin Marchese** • 3 years ago

How to add two animation to same element? Would you do <div class=" animation bounce, shake delay3? ">

^ | v • Reply • Share ›

**Pete Tinsley** • 3 years ago

doesnt work :(displays a broken file link instead

^ | v • Reply • Share ›

**Kevin Marchese** → Pete Tinsley • 3 years ago

Do to my lack of knowledge I'm just applying it directly to the div. so I think u could do <div class="animation bounce"></div> but I don't know if the div will mess up things because I'm unsure of the fundamental and structure, I really need to take a course. I'm a creative and trying to mess with stuff so correct me if Im wrong

^ | v • Reply • Share ›

**Clearimageweb** • 3 years ago

Worked perfect...!!!

^ | v • Reply • Share ›

**\$niper** → Clearimageweb • 2 years ago

HOW ?

1 ^ | v • Reply • Share ›

**paul** • 3 years ago

i cant get this to work... did everything to the T

^ | v • Reply • Share ›

**paul** → paul • 3 years ago

i can get it to work on page load but the click/hover actions dont work

1 ^ | v • Reply • Share ›

**Muthukumar** • 3 years ago

Wow. it is working perfectly.. thanks for a beautiful css.

^ | v • Reply • Share ›

**Ajay Chauhan** • 3 years ago

Really Good. Thanks a lot.

^ | v • Reply • Share ›

**Joe Williams** • 3 years ago

Thank you Mr. Martin. This is a huge help. One can call the animate.css from :hover, but this fixes repetition on each little mouse movement. Much appreciated.

^ | v • Reply • Share ›

**Shehab El-tawel** • 3 years ago



Thanks for good tutorial. Do you have any idea how to make it play when scrolling ?. I did it , but my problem that i want the animation play when the area is visible not before !

^ | v • Reply • Share ›



sharon → Shehab El-tawel • 2 years ago

i have the same problem any one can help me

^ | v • Reply • Share ›



Shehab El-tawel → sharon • 2 years ago

Search Google for WoW.js. its made to reveal the animation when scrolling.

^ | v • Reply • Share ›



sharon → Shehab El-tawel • 2 years ago

Okay thank u

^ | v • Reply • Share ›



Webfreak • 4 years ago

Thanx for Initiate Animation on Hover coding

^ | v • Reply • Share ›



digitalmaster • 4 years ago

Awesome!

^ | v • Reply • Share ›



Irfan Khan • 2 months ago

sir how can i run two animation from animate.css on one img... like slideinleft and slideoutleft ...??

^ | v • Reply • Share ›

Subscribe Add Disqus to your siteAdd DisqusAdd Privacy

Some of our thoughts on tech products, coding and best practices.



(<http://www.shareasale.com/r.cfm?b=628735&u=941766&m=41388&urlink=&afftrack=>)

Work With Us

As our team continues to grow, we're looking for talented people to work with.

[View Openings \(http://telegraphicsinc.wpengengine.com/backend-website-developer/\)](http://telegraphicsinc.wpengengine.com/backend-website-developer/)

Categories

Business (<http://www.telegraphicsinc.com/category/business/>) (6)

Coding (<http://www.telegraphicsinc.com/category/coding/>) (16)

Design (<http://www.telegraphicsinc.com/category/design/>) (1)

Featured Project (<http://www.telegraphicsinc.com/category/featured-project/>) (4)

News (<http://www.telegraphicsinc.com/category/news/>) (4)

Social Media (<http://www.telegraphicsinc.com/category/social-media/>) (1)

Third Party Applications (<http://www.telegraphicsinc.com/category/third-party-applications/>) (6)

Latest posts

The 5 Email Addresses Every Business Needs (<http://www.telegraphicsinc.com/2014/07/the-5-email-addresses-every-business-needs/>)

10 Reasons You Need a Blog Writer (<http://www.telegraphicsinc.com/2014/06/10-reasons-you-need-a-blog-writer/>)

PHP Fatal error: Maximum execution time exceeded — Advanced Custom Fields

(<http://www.telegraphicsinc.com/2014/05/acf-error-maximum-execution-time-exceeded/>)

Forms Not Working on GoDaddy Hosting (<http://www.telegraphicsinc.com/2014/05/wordpress-gravity-forms-not-working-on-godaddy-hosting/>)

WordPress Image Sizes Not Working (<http://www.telegraphicsinc.com/2014/05/wordpress-image-sizes-not-working/>)



(<http://twitter.com/telegraphicsinc>)



(<https://www.facebook.com/telegraphics>)



(<http://www.linkedin.com/company/telegraphics-inc->)



(<http://pinterest.com/telegraphics>)



(<http://vimeo.com/telegraphics/>)



(<http://google.com/+TelegraphicsIncSchillerPark>)
