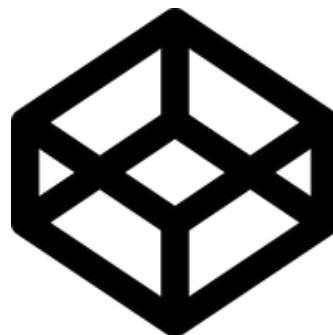


AGENDA

- Proj2 Follow Up
- Interaction + animation
- Proj3 Checkin
- Working on Proj3
- Proj3 rubric + PR template

- Proj2 Follow Up
 - fonts
 - alt text
 - "brittle" layouts

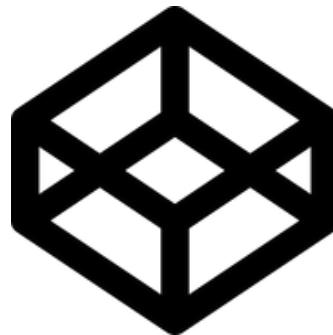
FONTS



[HTTPS://CDPN.IO/PEN/YWQOBV](https://cdpn.io/pen/YWQOBV)

alt TEXT

- Why do we write it?



[HTTPS://CDPN.IO/PEN/LAXNBP](https://cdpn.io/PEN/LAXNBP)

alt TEXT

- Why do we write it?
- OK to be blank, but *not* OK for it to be missing
 - if blank, *must* include HTML comment about why

WHAT MAKES A LAYOUT "BRITTLE"?

Not this



WHAT MAKES A LAYOUT "BRITTLE"?

But this

EASILY DAMAGED OR DESTROYED

FRAGILE

BREAKING READILY

WHAT MAKES A LAYOUT "BRITTLE"?

Let's explore:



[HTTPS://CDPN.IO/PEN/B3C8CC66D0067CA5124F8285963374F1](https://cdpn.io/PEN/B3C8CC66D0067CA5124F8285963374F1)

INTERACTION + ANIMATION

pseudo

FAKE, NOT GENIUNE

pseudoclass

pseudoelement

PSEUDOCLASS

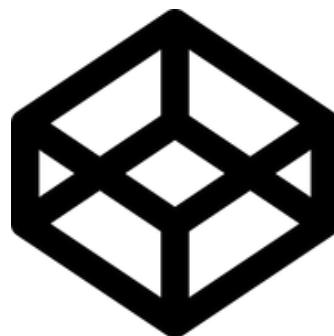
a:link

a:visited

a:hover

a:active

PSEUDOCLASS



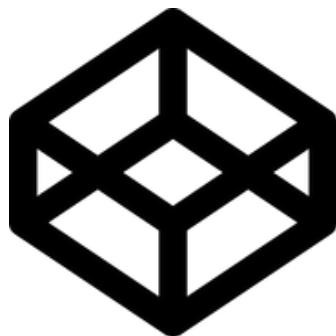
[HTTPS://CDPN.IO/PEN/PYBJWL](https://cdpn.io/PEN/PYBJWL)

PSEUDOELEMENT

li::before

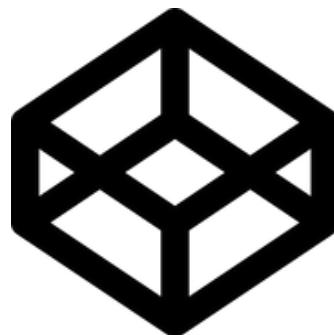
div::after

PSEUDOELEMENT



[HTTPS://CDPN.IO/PEN/VPMLYG](https://cdpn.io/PEN/VPMLYG)

transition



[HTTPS://CDPN.IO/PEN/EMJRPW](https://cdpn.io/PEN/EMJRPW)

transition-property

- which property should be affected

transition-duration

- how long should transition last
- provide value in s or ms

transition-timing-function

- speed and style of transition
- use the keywords: ease, ease-in, ease-out, ease-in-out, linear
- optional! default is ease

transition-delay

- when should transition start *relative to* the trigger (e.g.,hover)
- optional! default is zero

`transition` SHORTHAND

```
transition: [property] [duration]
[timing-function] [delay];
```

 brackets are just for display -- do not include them in your code!

must include property and duration:

```
transition: all 1s;
```

2 REMINDERS ABOUT transition

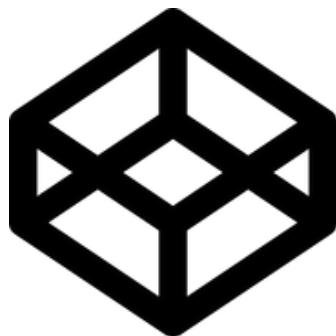
1. Not all properties can be transitioned
2. Use the shorthand if you want
 - *must* include property and duration
 - other properties are optional
3. Skip vendor prefixes

[HTTPS://CANIUSE.COM/#FEAT=CSS-
TRANSITIONS](https://caniuse.com/#feat=css-transitions)

TRYING OUT transition

[HTTPS://CDPN.IO/PEN/XBEQLM](https://cdpn.io/PEN/XBEQLM)

TRANSFORM



[HTTPS://CDPN.IO/PEN/XBNVZP](https://cdpn.io/PEN/XBNVZP)

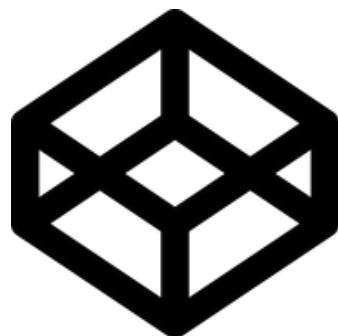
TRYING OUT transform

[HTTPS://CDPN.IO/PEN/NJVNQG](https://cdpn.io/PEN/NJVNQG)

PROJ3 CHECKIN

- content/timelines
- media queries, responsive design

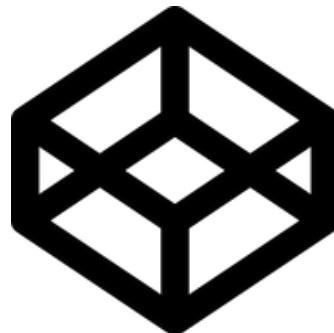
ANIMATE ON SCROLL



[HTTPS://CDPN.IO/PEN/RRGJVK](https://cdpn.io/pEN/rrgjvk)

ANIMATE ON SCROLL

Customize your animations!



[HTTPS://CDPN.IO/PEN/EMZZED](https://cdpn.io/pEN/EMZZED)

USING AOS IN YOUR PROJECTS

Add the following links to your head:

1. Library JS file:

```
<script  
src="https://unpkg.com/aos@2.3.0/dist-aos.js">
```

2. Library CSS file:

```
<link rel="stylesheet"  
href="https://unpkg.com/aos@2.3.0/dist-aos.css">
```

USING AOS IN YOUR PROJECTS

Add the JS and CSS links *before* your custom stylesheet!

Docs and more info here:

<http://michalsnik.github.io/aos/>

PROJECT 3

- Rubric
- PR template