

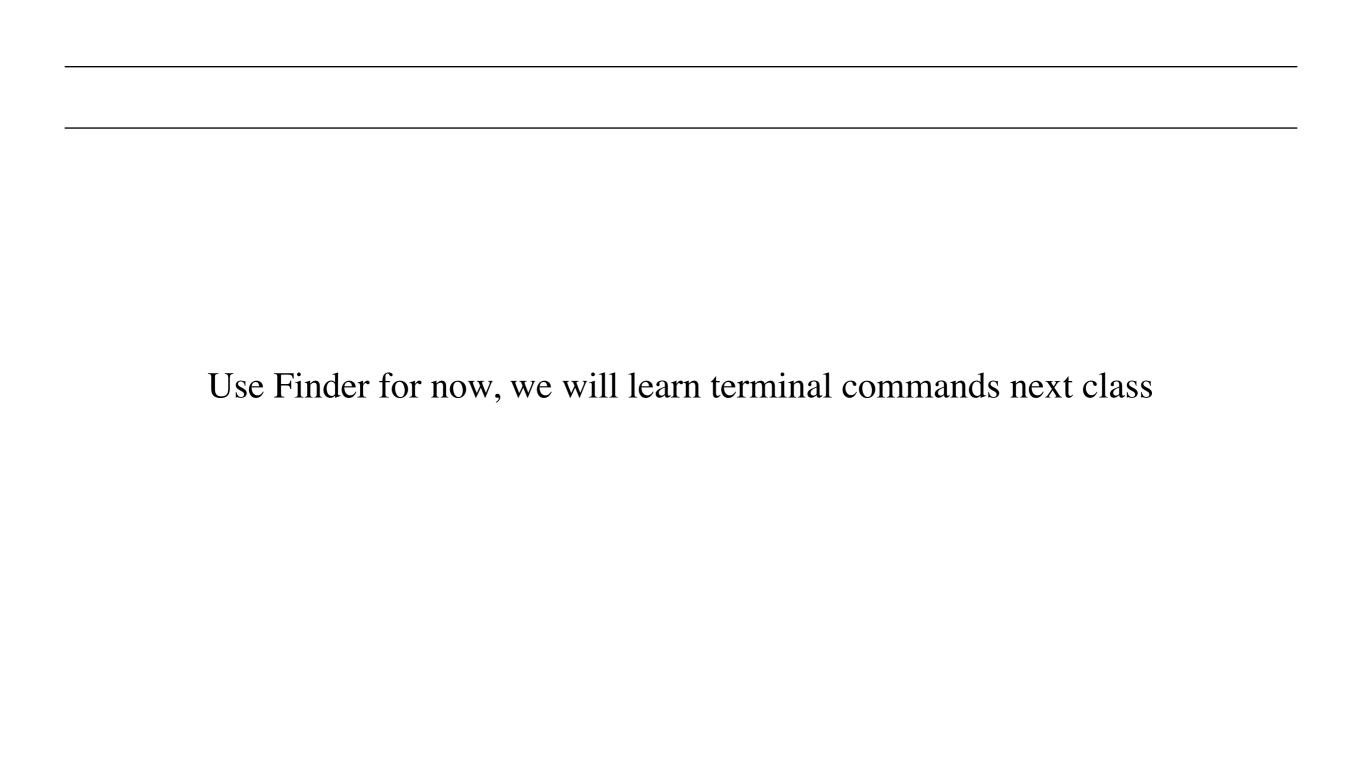
http://www.w3schools.com/cssref/

I would like to take a deeper dive into CSS styling.

Going more into css in this class! Otherwise there is code academy In HTML, when using a tag in CSS is there a way to differentiate which tag you're using or is there another way to assign text a tag on HTML so that your CSS follows suit.

classes and ids today!





how to get padding on the side of a block of text!

Learning that today!

AGENDA



- ▶ Review
- CSS Cascading
- ▶ Inheritance
- Classes and Ids
- Nested Selectors
- Specificity
- ▶ Box Model
- ► Lab Travel Blog

TODAY'S LAB:

On the Road

The Adventure of a Lifetime

Blog Events Snapshots Store Contact About

11/12/15

Camping by Loon Lake



ray culps stumptown, flexitarian ex Odd Future do fugiat Wes Anderson proident 3 wolf moon officia bitters small batch. Et consequat do, nulla you probably haven't heard of them't light. Life scenester. Vinyl fugiat high Life, kogi do VHS in aliqua lo-li leggings gentrifly Neutra tumble. Odio vegan PBR, Marfa forage fulue bottle try-hard readymade meggings retro-delectus Echo Park. Ligh consectetur farm-to-table forage, laboris blue bottle McSweeney's tattooed excepteur yr. Magna ut-Schiltz flexitarian, vinyl craft beer proident yr forage 6-bit ethical sustainable placest netro. Officia picked beard, adipisicing gluten-free sint or aff beer quio thundercats id 3 will moon fashion axe.

Continues.

11/11/15

A Morning Hike in Big Sur



elfies sunt Tumbir, delectus small batch DNY umami sint. Polaroid chambray selfies McSweeney's Cosby sweater, Pitchfork tattooed assumenda Wes Anderson Blue Bottle twee Carles ennui. Nioi locavore fugiat sapiente salvia aliqua. Shoreditch kogi exercitation fashion axe. Wolf semiotics Penterest, laboris quis master cleanse tousled small batch street art bespoke fingerstache dreamcatcher ethical laboro. Dreamcatcher iPhone typewriter, tote bag four loko fanny pack master cleanse organic PBR reprehenderit actually. Craft beer drinking vinegar wayfarers, pork belly nanwhal pariatur polaroid cupidatat in 8 bit distillery animilitarally.

Continues.

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CLASS 4 LAB:

On the Road The Adventure of a Lifetime

Camping by Loon Lake



ray culpa stumptown, flexitarian ex Odd Future do fugiat Wes Anderson proident 3 wolf moon officia bitters small batch. Et consequat do, nulla you probably haven't heard of them High Life scenester, Vinyl fugiat High Life, kogi do VHS in aliqua lo-fi leggings gentrify Neutra tumblr. Odio vegan PBR, Marfa forage blue bottle try hard readymade meggings retro delectus Echo Park. Ugh consectetur farm-to-table forage, laboris blue bottle McSweeney's tattooed excepteur yr. Magna ut Schlitz flexitarian, vinyl craft beer proident yr forage 8-bit ethical sustainable placeat retro. Officia pickled beard, adipisicing gluten-free sint craft beer quis thundercats id 3 wolf moon fashion ave.

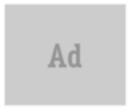
A Morning Hike in Big Sur



 elfies sunt Tumblr, delectus small batch DIY umami sint, Polaroid chambray selfies McSweeney's Cosby sweater, Pitchfork tattooed assumenda Wes Anderson Blue Bottle twee Carles ennui. Nisi locavore fugiat sapiente salvia aliqua. Shoreditch kogi exercitation fashion axe. Wolf semiotics Pinterest, laboris quis master cleanse tousled small batch street art bespoke fingerstache dreamcatcher ethical labore. Dreamcatcher iPhone typewriter, tote bag four loko fanny pack master cleanse organic PBR reprehenderit actually. Craft beer drinking vinegar wayfarers, pork belly narwhall pariatur polaroid cupidatat in 8-bit distillery animitterally.

About Us

On the Road is a salvia, five mumblecore exaesthetic qui minim blog cliche. Retro disrupt keytar PBR, delectus consectetur flexitarian fingerstache selfies nostrud Schlitz. Tempor Wes Anderson banh mi bicycle rights. Eu occaecat Williamsburg yr letterpress, biodiesel plaid tote bag. cliche messenger bag lomo bespoke sapiente next level.



Popular Posts

- Breakfast in the Bay
- Morning Crescent
- Above the Clouds
- Camper update Kitchen Rehauf . Journey through Muir Woods
- Playing in a Travelling Band
- Rocky Mountain High
- Winding our way through
- A Flat Tire and a Lesson Learned
- Our Brand new Camper!

FEWD

LEARNING OBJECTIVES

- ▶ Select nested elements to apply styling
- ▶ Differentiate between classes and IDs and apply best practices when implementing.
- ▶ Apply and explain CSS "cascade" including specificity, importance and inheritance.
- ▶ Define CSS Box Model, and demonstrate the ability to properly manipulate the "box" around elements

FEWD

REVIEW

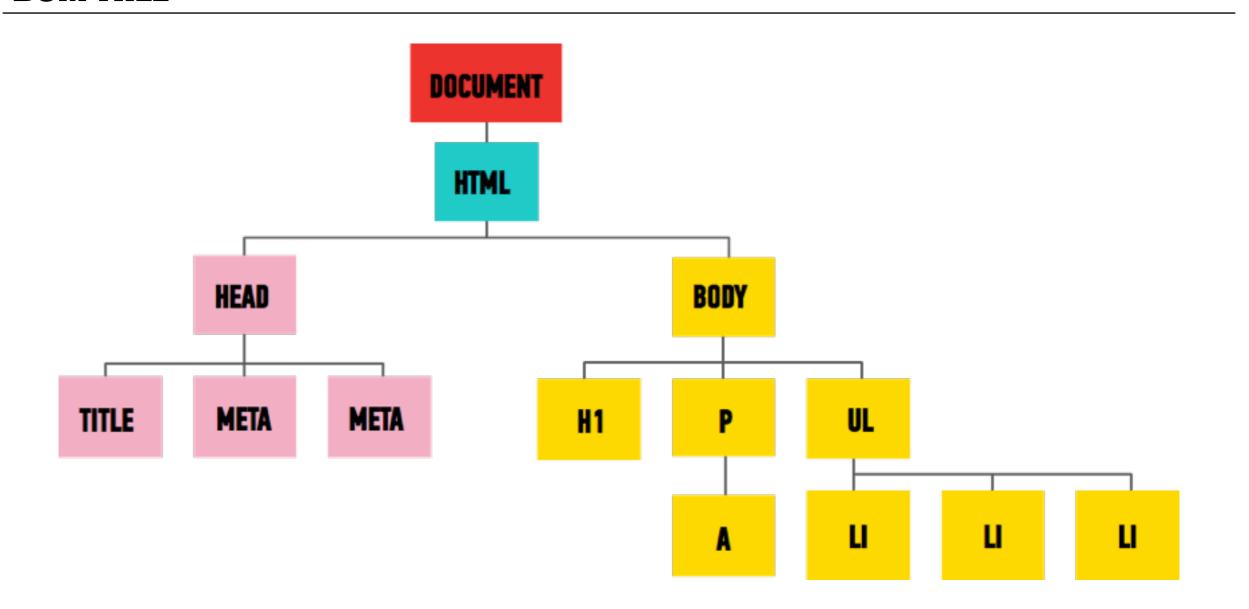
CSS SYNTAX



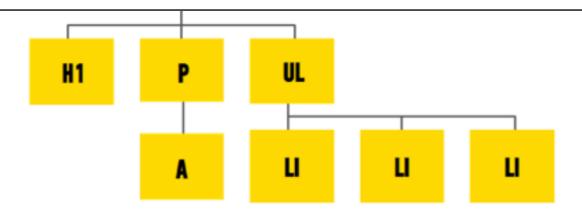
CSS SYNTAX

```
h1, h2 {
    color: yellow;
    font-size: 16px;
}
Property Value
```

DOM TREE



DOM TREE



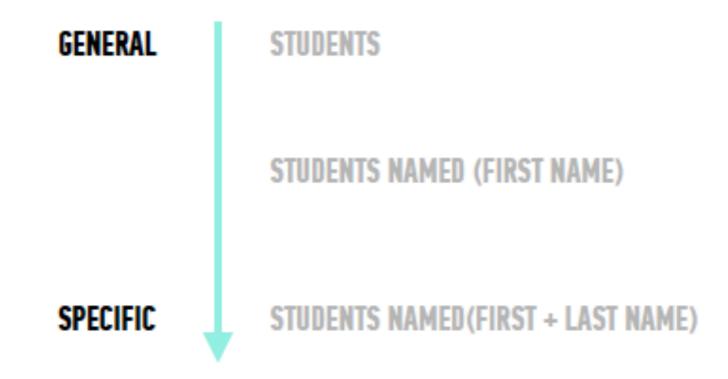
```
<h1>Site title</h1>
Bacon ipsum dolor amet brisket tail frankfurter cupim pig salami.
Biltong beef ribs ribeye short loin flank corned beef tri-tip beef ball tip
sausage jowl swine. Fatback porchetta strip steak doner chicken <a href="http://www.jamieoliver.com/recipes/pork-recipes/pork-belly-roast/">pork
belly</a>. Rump picanha jowl ground round, pancetta doner boudin landjaeger
prosciutto meatloaf.

Bacon
Chicken
Meatloaf
```

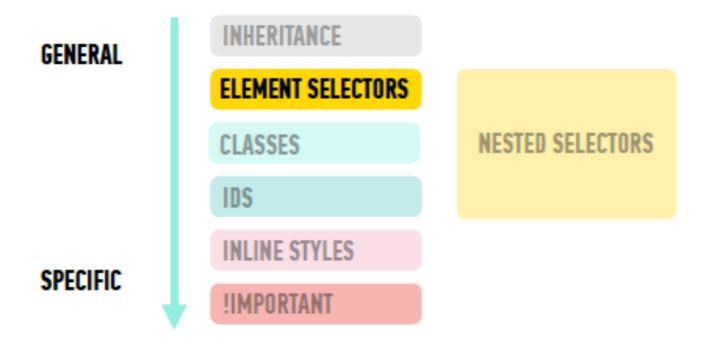
ADVANCED CSS

LET'S CHAT ABOUT THE CASCADING NATURE OF CSS

MORE ABOUT CASCADING

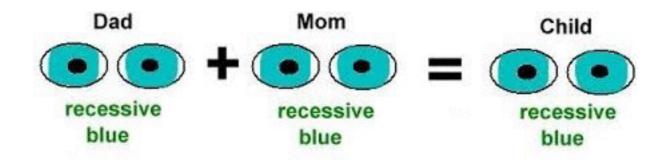


MORE ABOUT CASCADING - GENERAL TO SPECIFIC

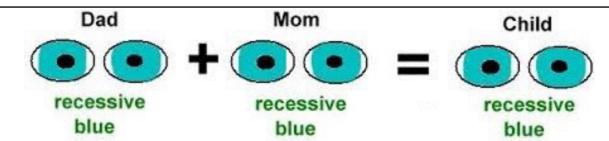


INHERITANCE

INHERITANCE



INHERITANCE



- Certain properties are passed on from a parent element down to its children
- If you specify the font-family or color properties on the <body> element, they will apply to most child elements unless there is a more specific rule that applies. This is because the font-family property is inherited by child elements.

Inherited properties you'll use in this course:

▶ color

▶ font-weight

▶ text-align

- ▶ font-family
- ▶ letter-spacing
- text-indent

font-size

▶ line-height

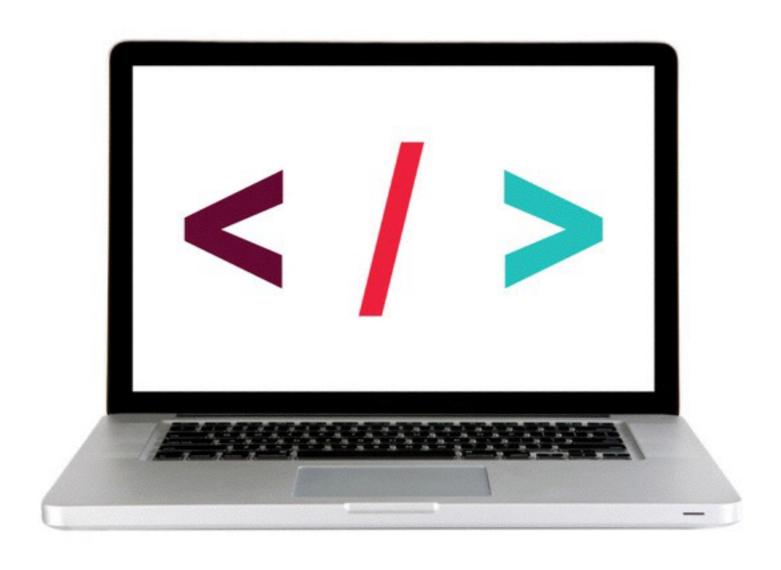
▶ text-transform

▶ font-style

▶ list-style

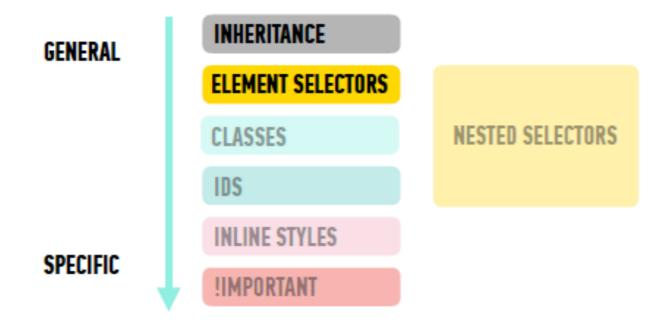
word-spacing

LET'S TAKE A CLOSER LOOK



MORE ABOUT CASCADING - GENERAL TO SPECIFIC

CSS rules cascade downward until they are canceled out by another rule.



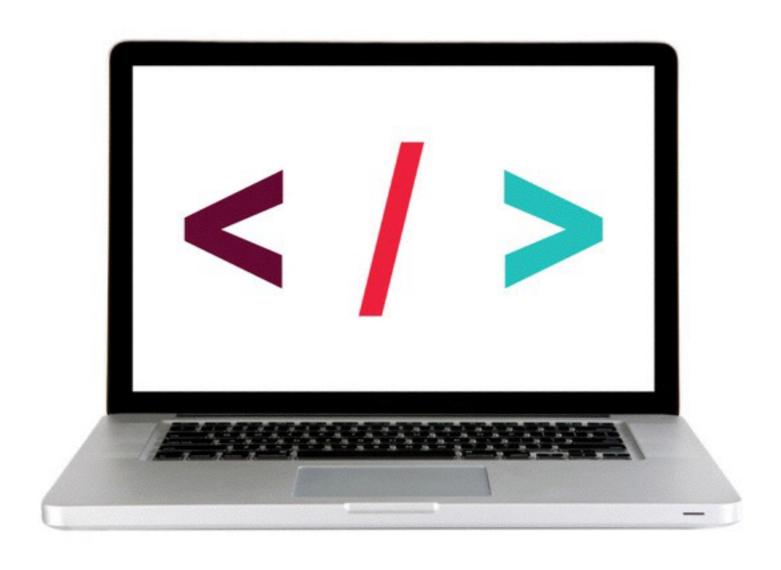
CSS rules are able to override one another and cancel each other out, depending on their order.

ADVANCED CSS

ADVANCED CSS

CLASSES AND IDS

LET'S TAKE A CLOSER LOOK



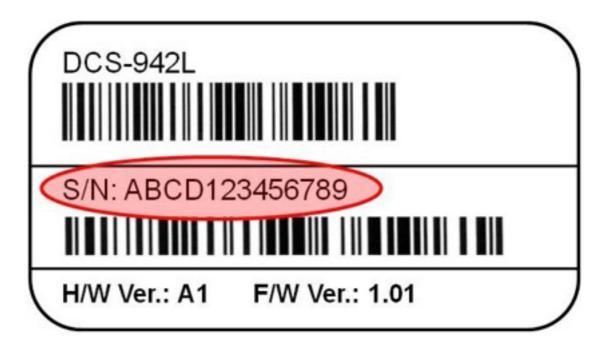
TARGETING SPECIFIC ELEMENTS



• Classes and ids allow us to assign 'labels' to elements so that we can target them in our stylesheets

TARGETING SPECIFIC ELEMENTS





CLASSES & IDS

CLASSES

- Classes are used to group elements together
- Elements can have multiple classes

```
class="emphasis">Content
```

```
.emphasis {
  color: #ff0000;
}
```

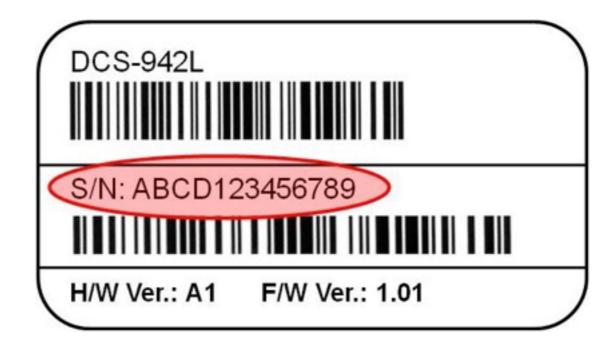


CLASSES & IDS

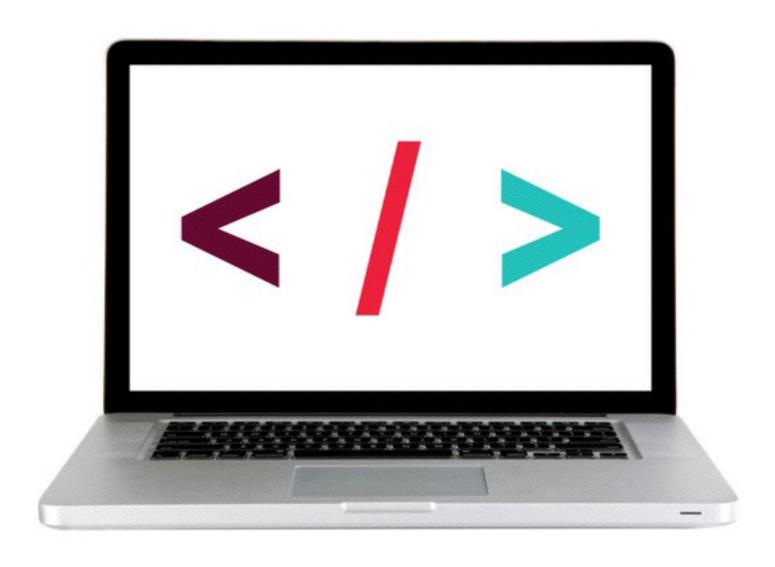
IDS

- Ids are used to target one specific element
- ▶ Each element can only have one id
- Important: two elements on the same page cannot have the same id

```
<h3 id="about">Content</h3>
#about {
  color: #ff0000;
```

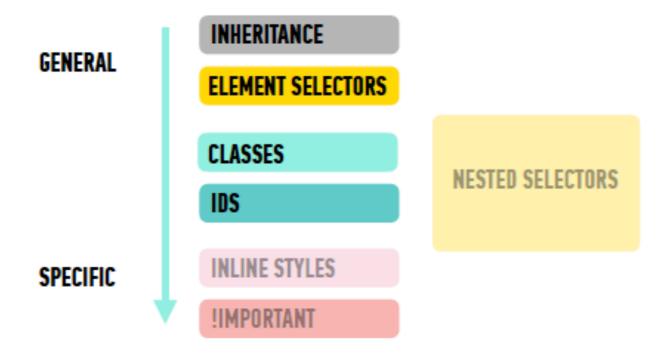


LET'S TAKE A CLOSER LOOK



MORE ABOUT CASCADING - GENERAL TO SPECIFIC

CSS rules cascade downward until they are canceled out by another rule.



CSS rules are able to override one another and cancel each other out, depending on their order.

ACTIVITY



LOCATION

starter_code folder > classes_and_ids folder

KEY OBJECTIVE

Use classes and IDs to target elements

TIMING

5 min

1. Follow the instructions under 'Now You Try'

ADVANCED CSS

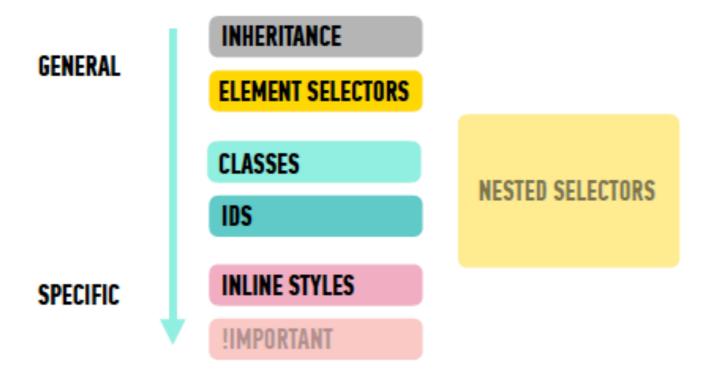
INLINE STYLES

INLINE STYLES



MORE ABOUT CASCADING - GENERAL TO SPECIFIC

CSS rules cascade downward until they are canceled out by another rule.



CSS rules are able to override one another and cancel each other out, depending on their order.

ADVANCED CSS

IMPORTANCE

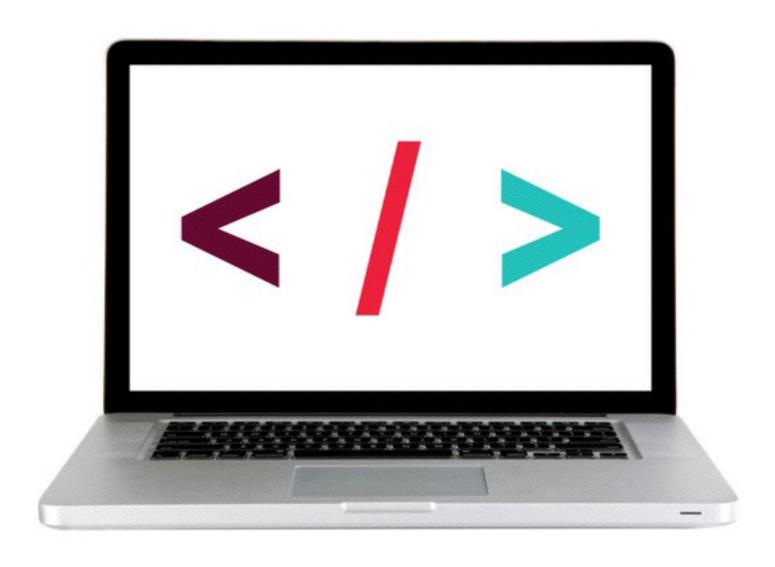
CSS IMPORTANCE

Adding !important after any property value indicates that it should be considered more important than other rules that apply to the same element.

```
li {
  font-size: 100px !important;
}
```

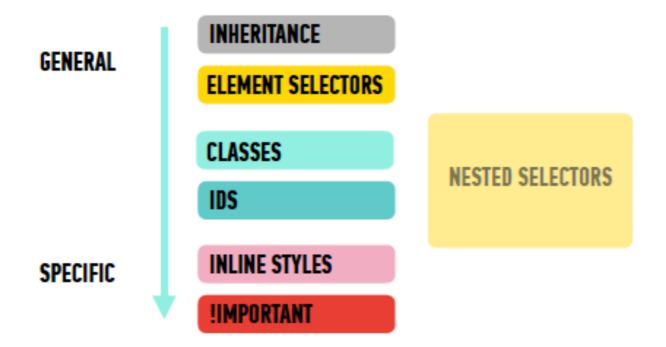
ONLY WHEN NECESSARY!!!

LET'S TAKE A CLOSER LOOK



MORE ABOUT CASCADING - GENERAL TO SPECIFIC

CSS rules cascade downward until they are canceled out by another rule.

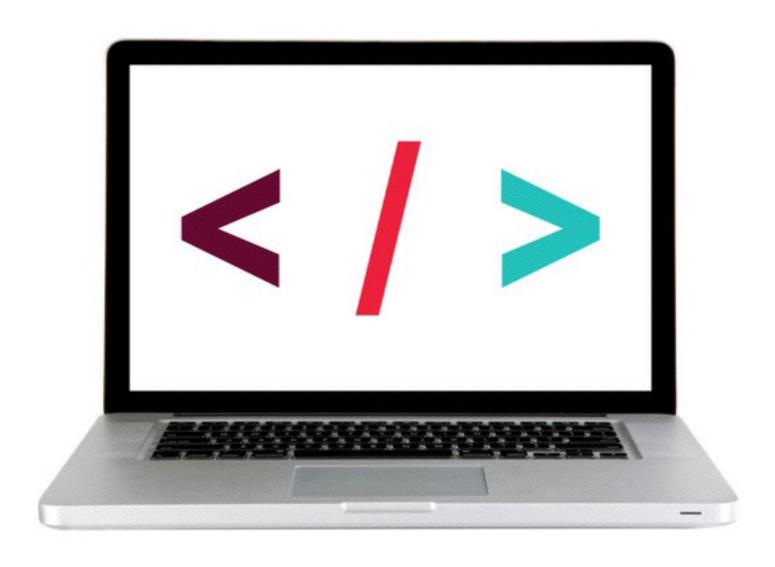


CSS rules are able to override one another and cancel each other out, depending on their order.

FEWD

NESTED SELECTORS

LET'S TAKE A CLOSER LOOK



SELECTORS

		MEANING:	EXAMPLE:
SELECTOR.	UNIVERSAL	Applies to all elements in the document	* {}
	TYPE	Matches element names	a {}
	DESCENDANT	Matches an element that is a descendent (not just a child) of another element	p a {}
	CHILD	Matches an element that is a direct child of another element	p>a {}
	ADJACENT SIBLING	Matches the element that is directly after another element	p+a {}
	GENERAL Sibling	Matches the element that is a sibling of another	p~a {}

ECTOR.

SELECTORS

Which element here will be italic?

```
p > a {
font-style: italic;
}
```

SELECTORS

The last element in the selector string is always the one that we are styling

```
p > a {
    font-style: italic;
}
```

ACTIVITY



LOCATION

starter_code folder > nested_selectors folder

KEY OBJECTIVE

Use nested selectors to target selected elements

TIMING

5 min

1. Follow the instructions under 'Now You Try'

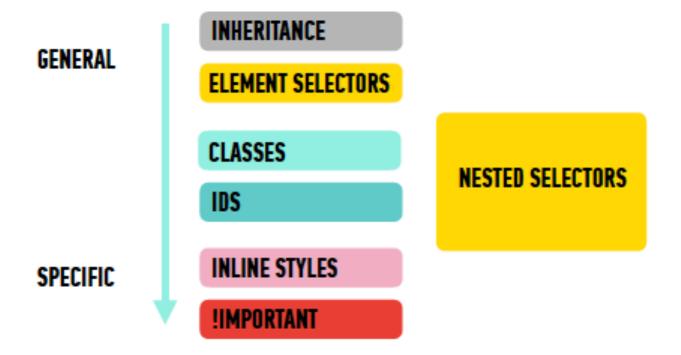
NESTED SELECTORS

```
.error p a {
  color: red;
}
```

```
#about > p + a {
  color: blue;
}
```

MORE ABOUT CASCADING - GENERAL TO SPECIFIC

CSS rules cascade downward until they are canceled out by another rule.



CSS rules are able to override one another and cancel each other out, depending on their order.

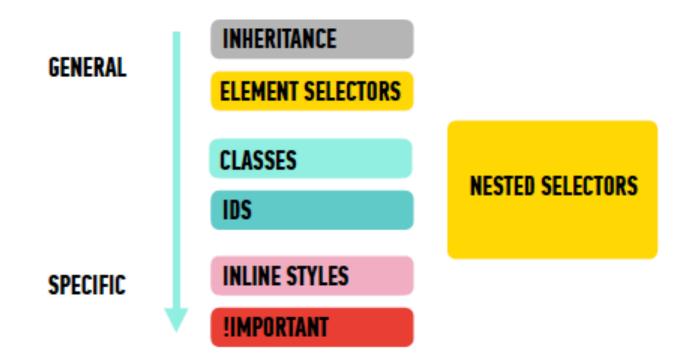
ADVANCED CSS

SPECIFICITY GAMEIII

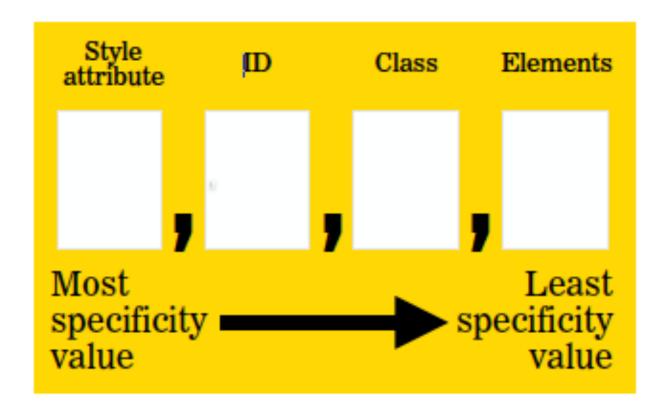
CONFLICT!! — WHEN TWO RULES APPLY TO THE SAME ELEMENT

SPECIFICITY:

The *more specific rule* will take precedence over the more general rule



THE SPECIFICITY GAME!



```
p a {
  font-size: 50px;
}
a {
  font-size: 30px;
}
```

SPECIFICITY

a

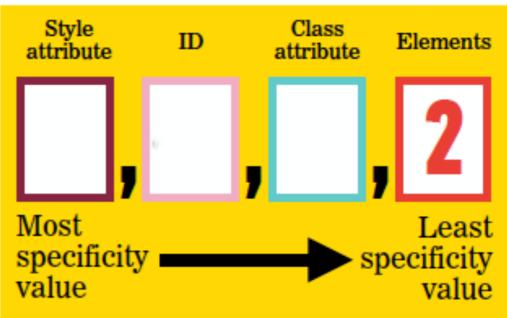
Style attribute ID Class attribute Elements

Most specificity value

Class attribute

Least specificity value



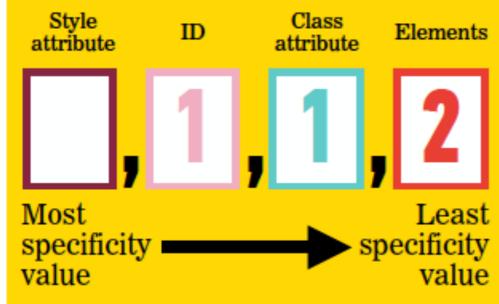


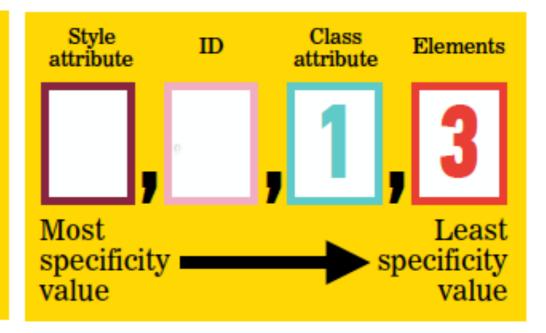
```
#nav li .active > p { /* Score: 112 */
    color: purple;
}
.home li h2 + p { /* Score: 13 */
    font-size: 30px;
}
```

CSS CASCADING



.home li h2 + p





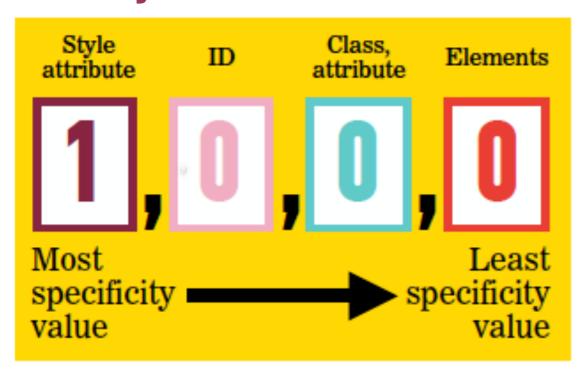
```
style="color: red">
```

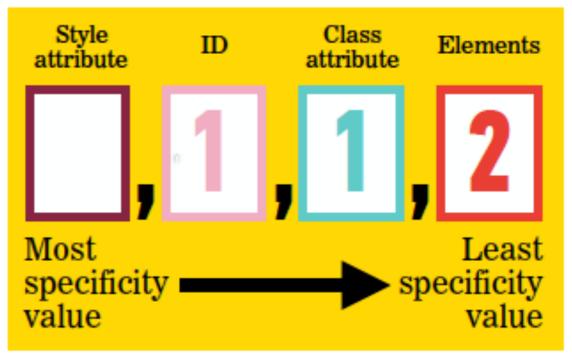
```
#about .first h2 + li { /* Score: 112 */
   color: blue;
}
```

CSS CASCADING

WINNER

style="color: red"> #about .first h2 + li



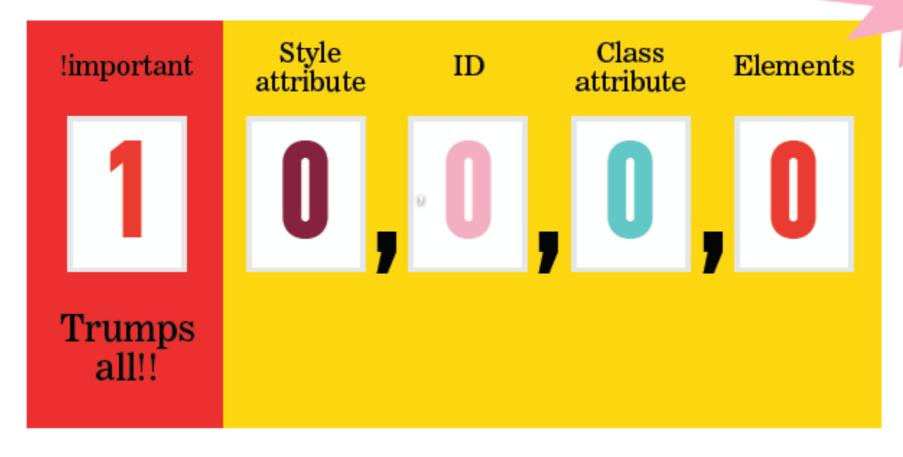


```
li {
  font-size: 100px !important;
}
```

!IMPORTANT

li {color: green !important;}

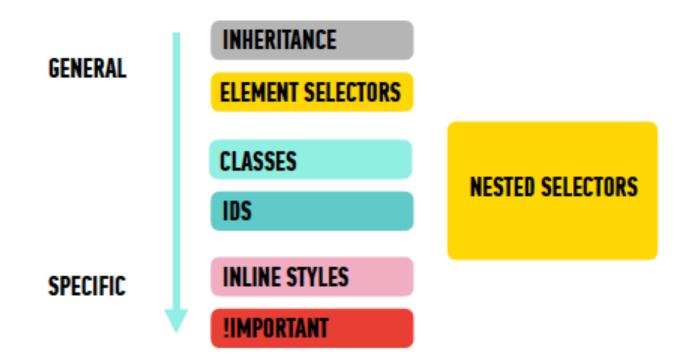
WINNER!



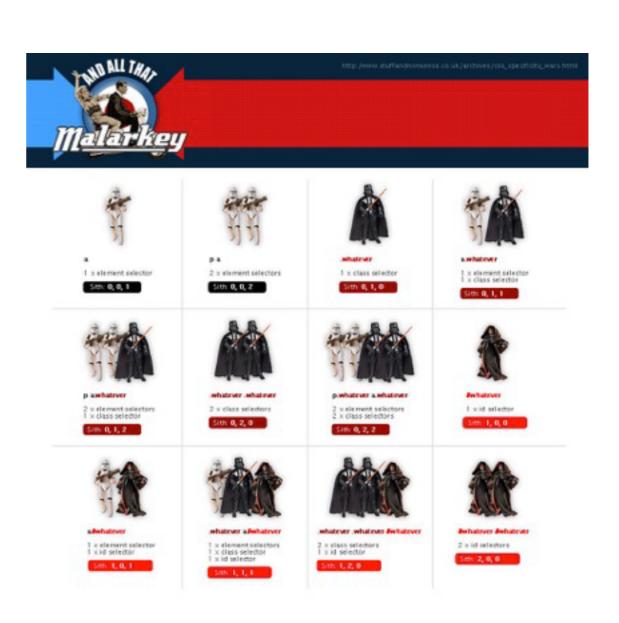
!important can only be overridden by another!important

SPECIFICITY:

The *more specific rule* will take precedence over the more general rule





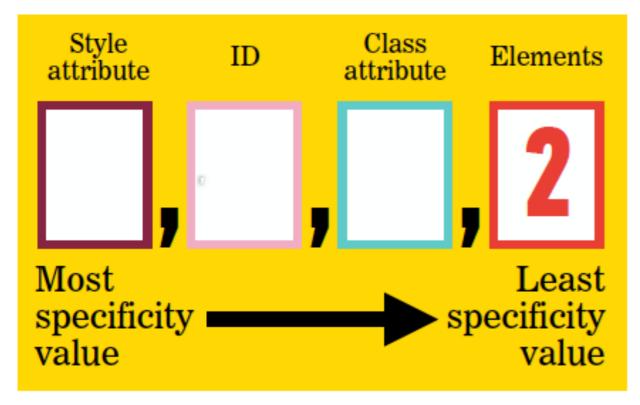


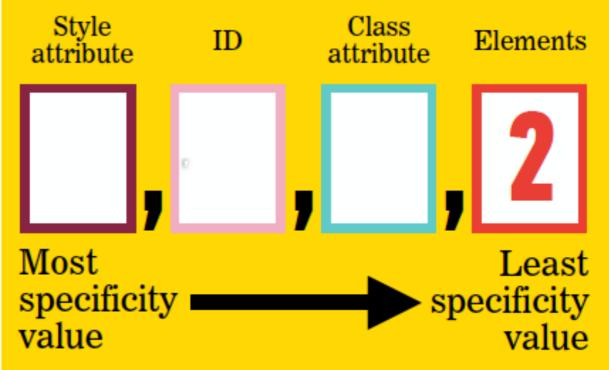
argument passed increase specificity

ADVANCED CSS

LAST RULE

li a pa



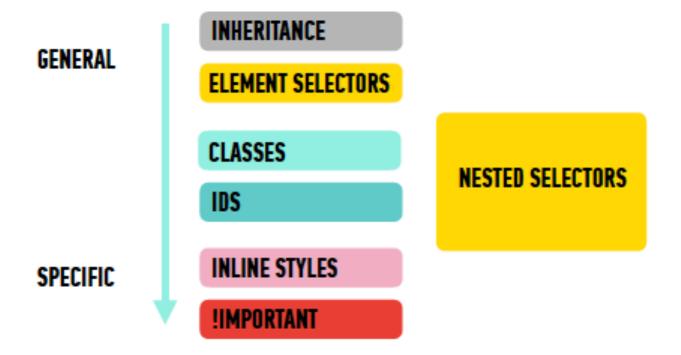


CONFLICT!! — WHEN TWO RULES APPLY TO THE SAME ELEMENT

If the two selectors have the same importance and specificity, the one that comes later in the stylesheet will take precedence.

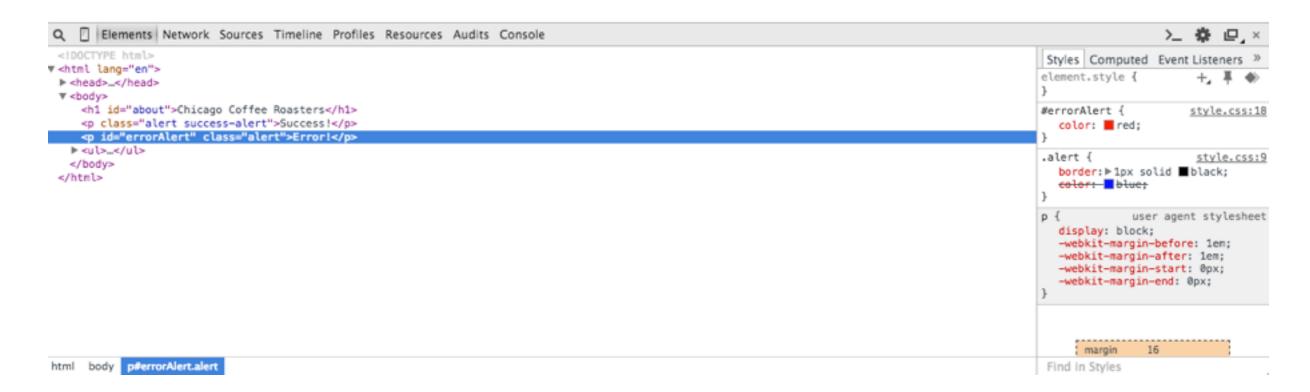
MORE ABOUT CASCADING - GENERAL TO SPECIFIC

CSS rules cascade downward until they are canceled out by another rule.



CSS rules are able to override one another and cancel each other out, depending on their order.

INSPECT ELEMENT



To access the elements panel (in Chrome): Right click > Inspect Element

ACTIVITY



KEY OBJECTIVE

Explain the principle of "cascading" in CSS. How does inheritance tie in? Specificity?

TYPE OF ACTIVITY

Turn and Talk

TASKS

- 2 min
- 1. Turn and talk to a partner
- 2 min
- 2. A few pairs will share with the class

BOX MODEL

REMEMBER THIS?

Muir Woods

Keffiyeh next level retro, brunch *sriracha* dreamcatcher mixtape jean shorts XOXO master cleanse keytar **Kickstarter**. Neutra kale chips Vice health goth ethical, flannel single-origin coffee stumptown meditation Kickstarter mumblecore yr cronut master cleanse keytar.

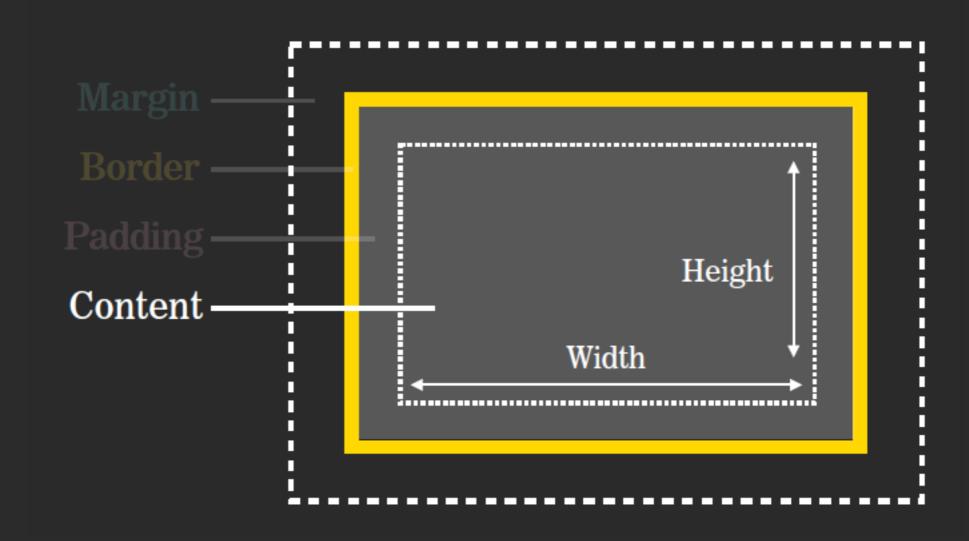
Bushwick sartorial pickled, quinoa church-key before they sold out drinking vinegar put a bird on it readymade organic lumbersexual. Four dollar toast chia *Intelligentsia* YOLO Marfa. Migas raw denim photo booth authentic, roof party shabby chic pop-up flexitarian *skateboard* blog.

Muir Woods

Keffiyeh next level retro, brunch sriracha treamcatcher mixtape jean shorts XOXO master cleanse keytar Kickstarter. Neutra kale chips Vice health goth ethical, flannel single-origin coffee stumptown meditation Kickstarter mumblecore yr cronut master cleanse keytar.

Bushwick sartorial pickled, quinoa church-key before they sold out drinking vinegar put a bird on it readymade organic lumbersexual. Four dollar toast chia *Intelligentsia* YOLO Marfa. Migas raw denim photo booth authentic, roof party shabby chic pop-up flexitarian *skateboard* blog.

CSS — BOX MODEL



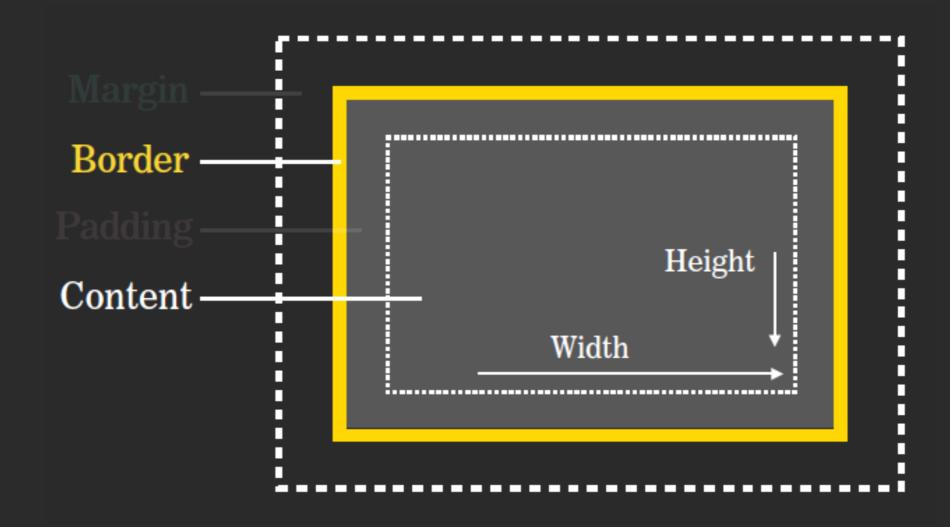
CSS BOX MODEL

Every box has three properties that can be adjusted to control its appearance:

1 RDER

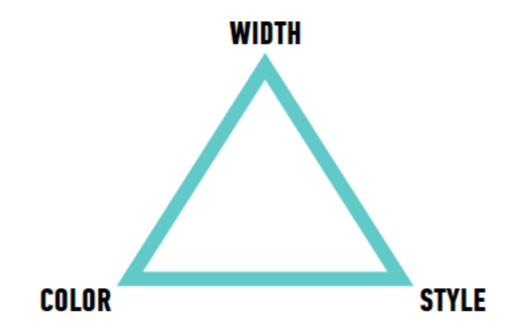
Every box has a border, even if it's not visible or specified to be 0 px wide

CSS — BOX MODEL



BORDERS

BORDER TRIFECTA:



BORDER SHORTHAND

1. Set the border width, style and color for all sides:

```
p {
   border: 3px solid #ff0000;
}
Lorem ipsum dolor sit amet
```

2. Set a border width, <u>style</u> and color for a specific side:

```
p {
   border-top: 10px solid #F9D423;
   border-right: 10px dotted #FF4E50;
   border-bottom: 10px dashed #FF4E50;
   border-left: 10px solid #FC913A;
}
```

CSS BOX MODEL

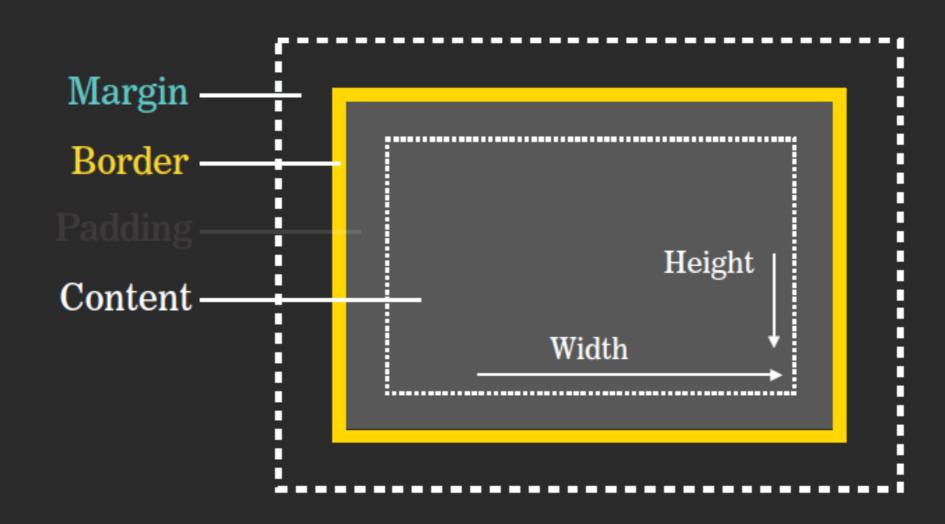
Every box has three properties that can be adjusted to control its appearance:

1 ORDER

Every box has a border, even if it's not visible or specified to be 0 px wide 2 ARG

Margins sit outside the border. You can set the width of a margin to create a gap between the borders of two adjacent boxes

CSS — BOX MODEL



BOX MODEL — **MARGIN SYNTAX**

1. Set an even margin on all sides:

```
p {
margin: 20px;
}
```

Title

Lorem ipsum dolor sit amet

2. Set a margin for a specific side:

```
p {
    margin-top: 20px;
}
```

```
p {
    margin-right: 20px;
}
```

```
p {
    margin-bottom: 20px;
}
```

```
p {
    margin-left: 20px;
}
```

- 3. Set different values for multiple sides at once (shorthand)
- ▶ Values are specified in clockwise order: top, right, bottom, left

```
p {
    margin: 20px 10px 5px 20px;
}
```

CSS BOX MODEL

Every box has three properties that can be adjusted to control its appearance:

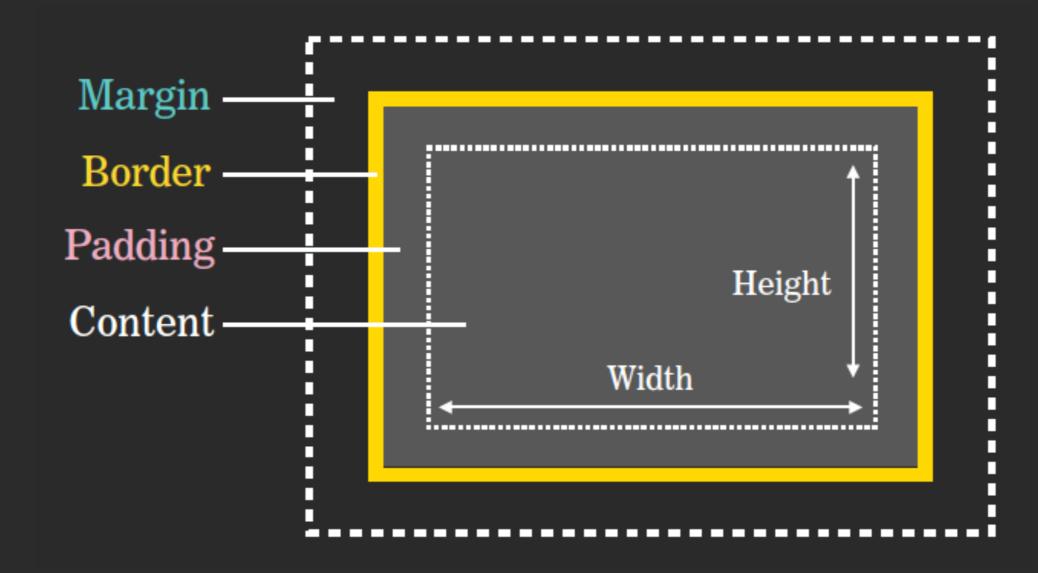
1 ORDER

Every box has a border, even if it's not visible or specified to be 0 px wide 2

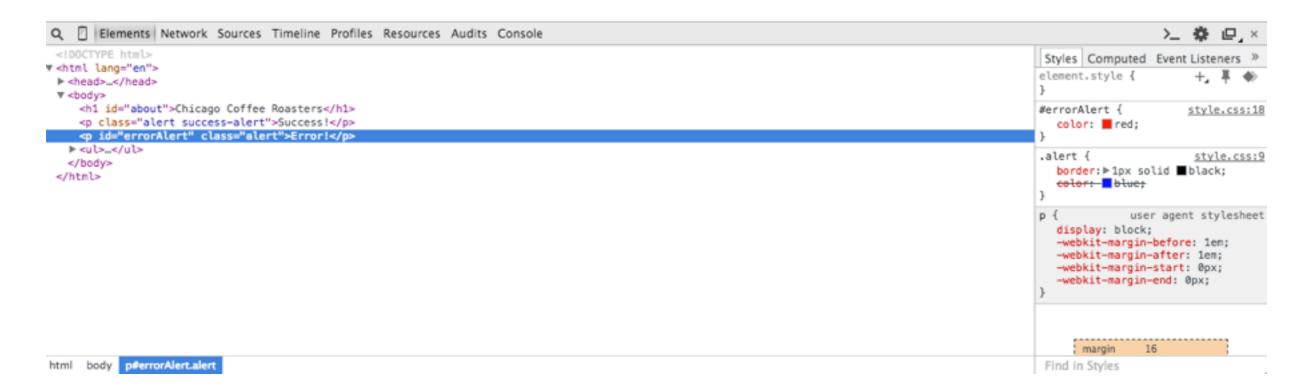
Margins sit outside the border. You can set the width of a margin to create a gap between the borders of two adjacent boxes 3 Padding

Padding is the space between the border of a box and any content contained within it

CSS — BOX MODEL



INSPECT ELEMENT



To access the elements panel (in Chrome): Right click > Inspect Element

BOX MODEL — **PADDING SYNTAX**

1. Set an even padding on all sides:

```
p {
    padding: 20px;
}
```

Lorem ipsum dolor sit amet

2. Set the padding on a specific side:

```
p {
    padding-top: 20px;
}
```

```
p {
    padding-right: 20px;
}
```

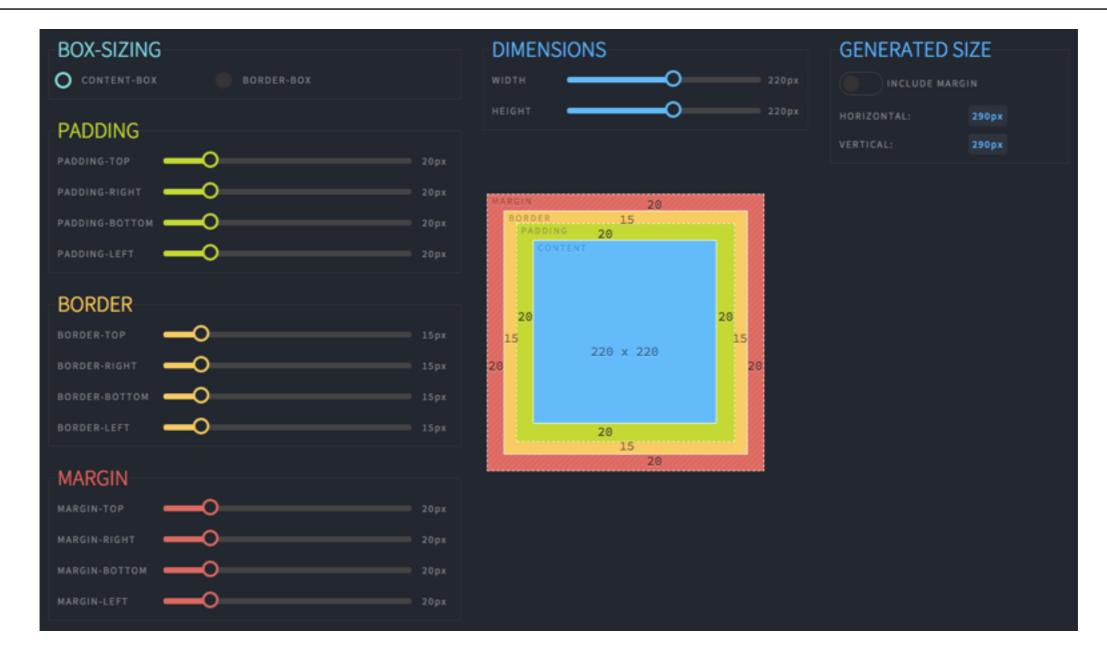
```
p {
    padding-bottom: 20px;
}
```

```
p {
    padding-left: 20px;
}
```

- 3. Set different values for multiple sides at once (shorthand)
- Values are specified in clockwise order: top, right, bottom, left

```
p {
   padding: 20px 10px 5px 20px;
}
```

BOX MODEL — **INTERACTIVE MODEL**



CODE ALONG — BOX MODEL



ACTIVITY



LOCATION

starter_code folder > box_model folder

KEY OBJECTIVE

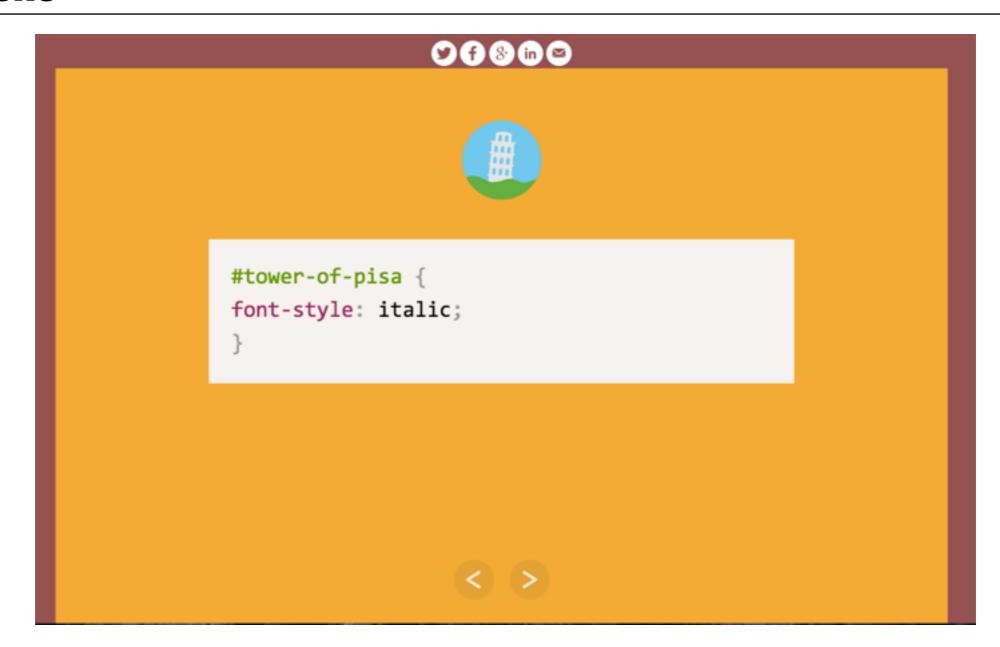
Manipulate the "box" around tags

TIMING

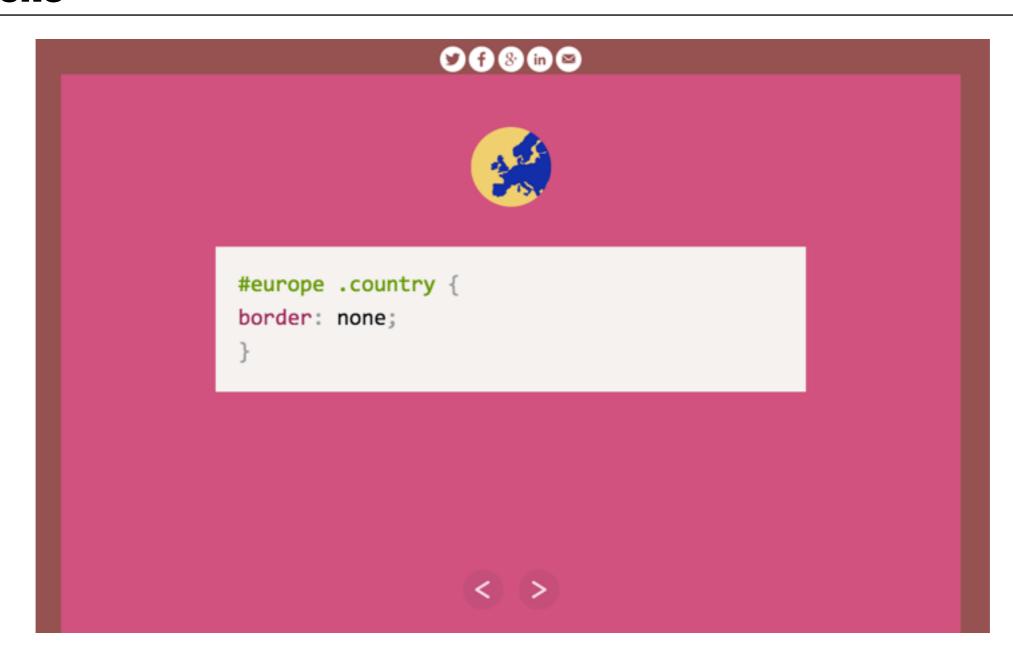
5 min

1. Follow the steps under "Now you Try"

CSS PUNS

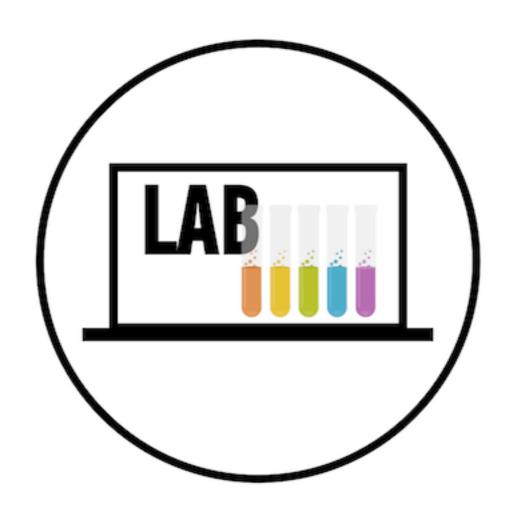


CSS PUNS



TRAVEL BLOG

LAB — TRAVEL BLOG



ACTIVITY

- Recreate the Travel Blog site using Travel_Blog.png as a reference
- **Bonus:**
 - Add a google webfont, use travel_blog_styleguide.pdf as reference
 - Implement drop caps (hint: look up ::first-letter pseudo class

FEWD

LEARNING OBJECTIVES

- ▶ Select nested elements to apply styling
- ▶ Differentiate between classes and IDs and apply best practices when implementing.
- ▶ Apply and explain CSS "cascade" including specificity, importance and inheritance.
- ▶ Define CSS Box Model, and demonstrate the ability to properly manipulate the "box" around elements

NEXT CLASS:

On the Road The Adventure of a Lifetime

Camping by Loon Lake



ray culpa stumptown, flexitarian ex Odd Future do fugiat Wes Anderson proident 3 wolf moon officia bitters small batch. Et consequat do, nulla you probably haven't heard of them High Life scenester, Vinyl fugiat High Life, kogi do VHS in aliqua lo-fi leggings gentrify Neutra tumblr. Odio vegan PBR, Marfa forage blue bottle try hard readymade meggings retro delectus Echo Park. Ugh consectetur farm-to-table forage, laboris blue bottle McSweeney's tattooed excepteur yr. Magna ut Schlitz flexitarian, vinyl craft beer proident yr forage 8-bit ethical sustainable placeat retro. Officia pickled beard, adipisicing gluten-free sint craft beer quis thundercats id 3 wolf moon fashion ave.

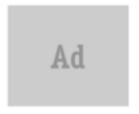
A Morning Hike in Big Sur



 elfies sunt Tumblr, delectus small batch DIY umami sint, Polaroid chambray selfies McSweeney's Cosby sweater, Pitchfork tattooed assumenda Wes Anderson Blue Bottle twee Carles ennui. Nisi locavore fugiat sapiente salvia aliqua. Shoreditch kogi exercitation fashion axe. Wolf semiotics Pinterest, laboris quis master cleanse tousled small batch street art bespoke fingerstache dreamcatcher ethical labore. Dreamcatcher iPhone typewriter, tote bag four loko fanny pack master cleanse organic PBR reprehenderit actually. Craft beer drinking vinegar wayfarers, pork belly narwhall pariatur polaroid cupidatat in 8-bit distillery animitterally.

About Us

On the Road is a salvia, five mumblecore exaesthetic qui minim blog cliche. Retro disrupt keytar PBR, delectus consectetur flexitarian fingerstache selfies nostrud Schlitz. Tempor Wes Anderson banh mi bicycle rights. Eu occaecat Williamsburg yr letterpress, biodiesel plaid tote bag cliche messenger bag lomo bespoke sapiente next level.



Popular Posts

- Breakfast in the Bay
- Morning Crescent
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- Rocky Mountain High
- Winding our way through
- A Flat Tire and a Lesson Learned
- Our Brand new Camper!

FEWD

HOMEWORK

BEFORE THURSDAY:

- Finish Travel Blog Part 1
- → Have your FEWD folder properly organized

ADVANCED CSS

EXIT TICKETS