Learn

HTML

**Language of
the Web**

Part Two of Four

Fun with colours, images and videos

Colored-Pencils" by Evan-Amos - Own work

Adding <div> to our family of tags

- Last week we learnt
  <h1>...<h6>, <p> <hr><strong>
- **<div>** is used to make containers
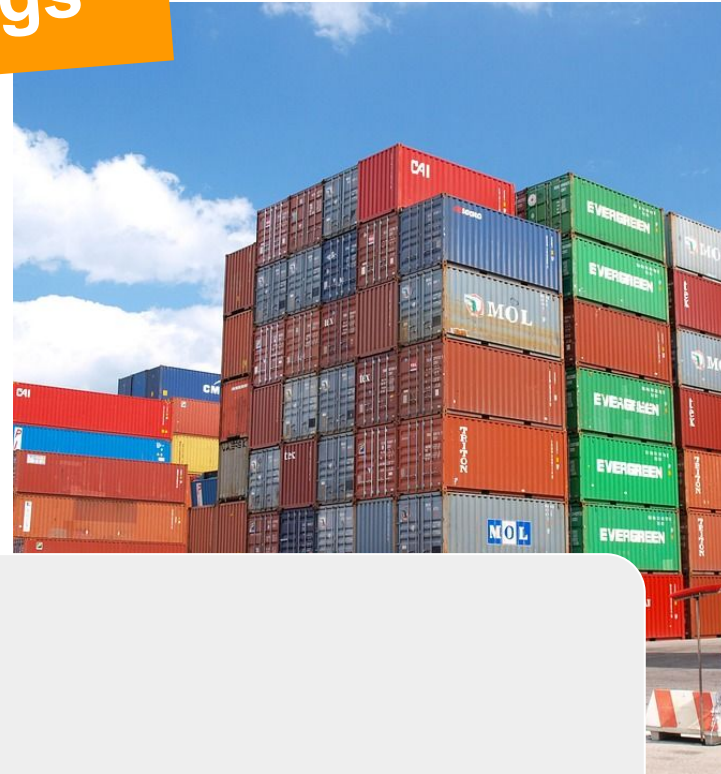
```
<div>
    <h3>Dog</h3>
    <p>The dog is a mammal with
        <strong>sharp teeth</strong>,
        an excellent sense of smell, and a fine sense of Hearing.
    </p>
</div>
```

Tag attribute

- We add enhance tags with **attributes**
- Let's try style attribute on **<div>** tag

```
<div style="">
```
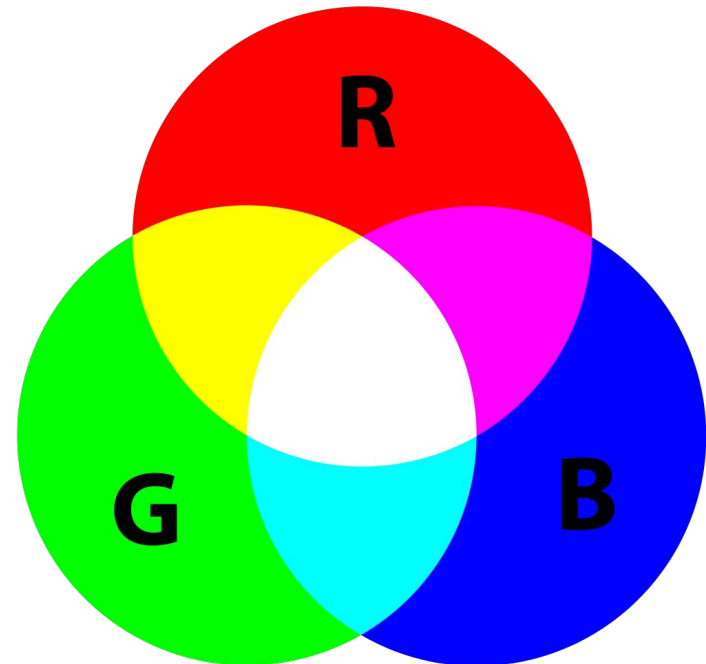
```
<div style="background-color">
```

```
<div style="background-color: Azure;">
```

Up close:

"background-color: Azure"
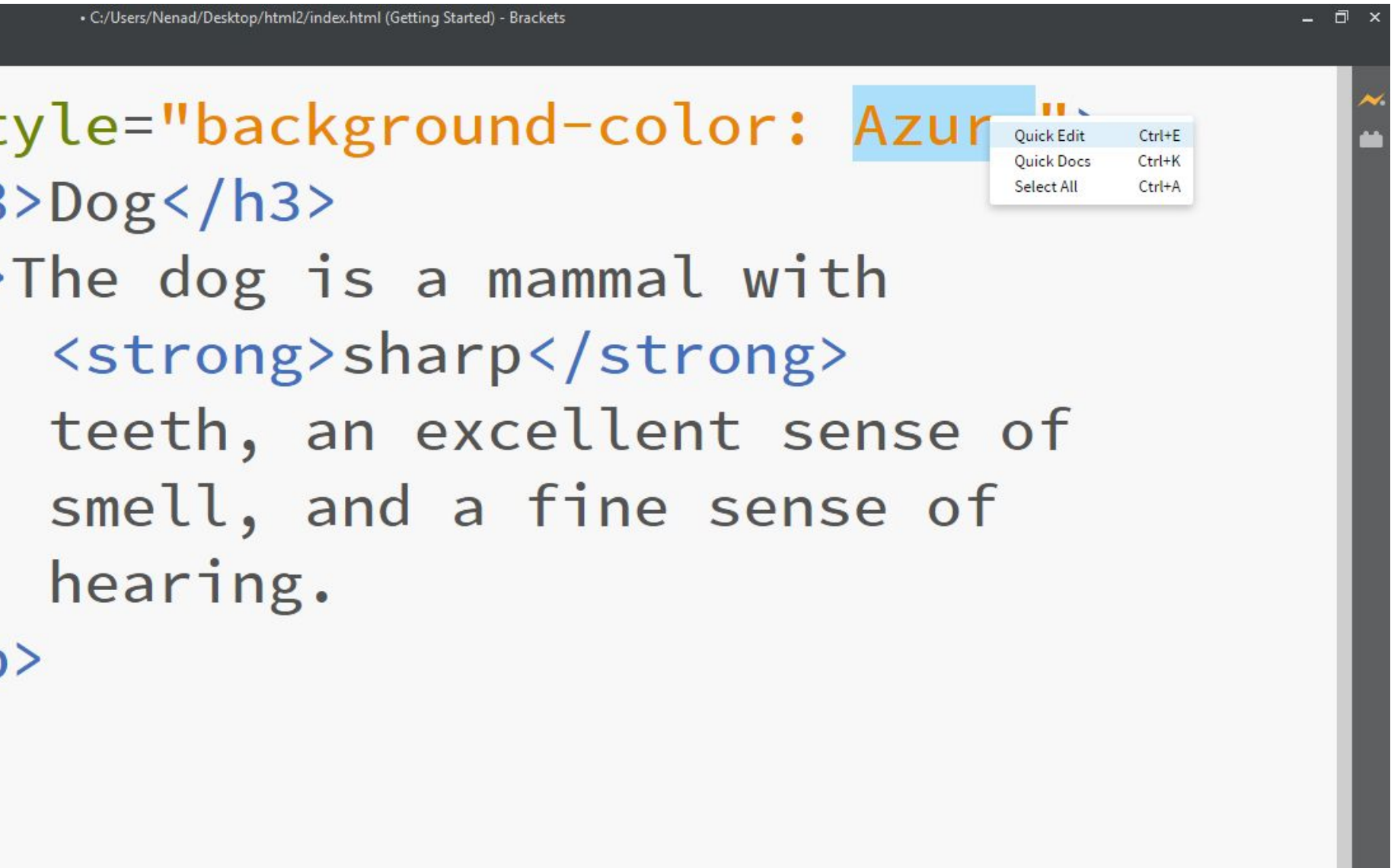
Try other colours:

- Gold
- Tomato
- Salmon
- Firebrick
- Navy

Google "css color names" for more
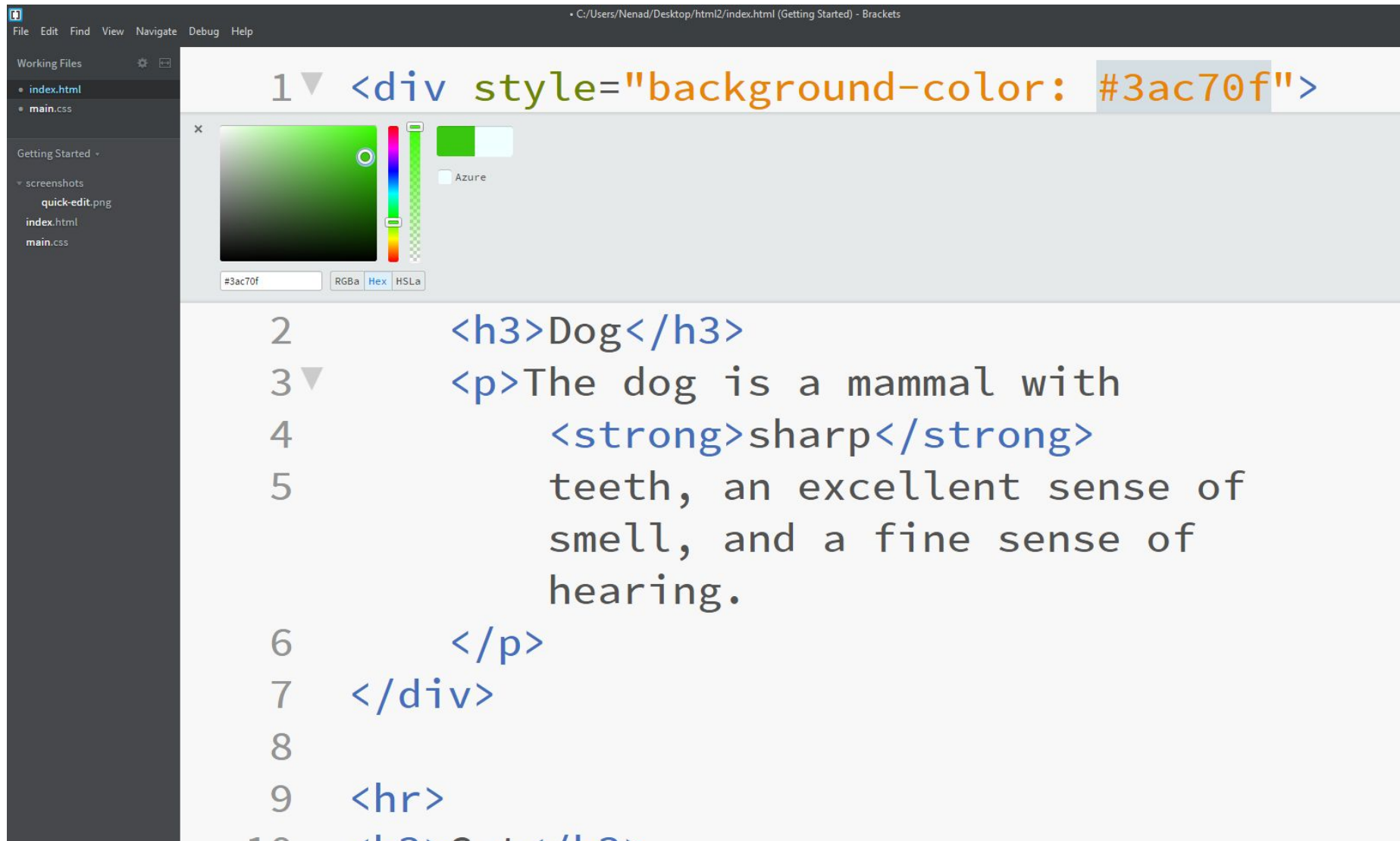
Hover over Colour name > right click > Quick Edit

Choose colour from colorpicker / slider!

Text colour
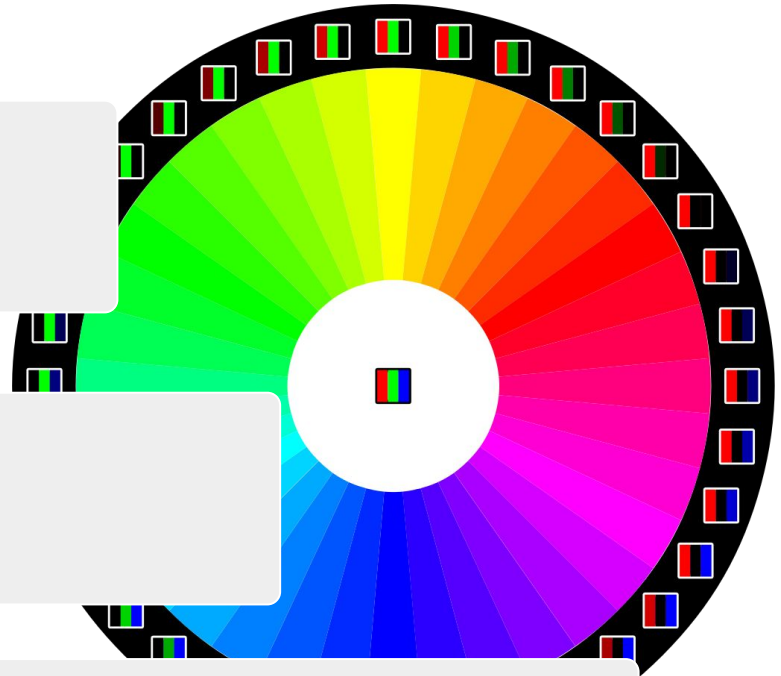
`<h3 style="">`

`<h3 style="color">`

`<h3 style="color: Red">`

`<h3 style="color: Red">Dog</h3>`

Adding Images

- Put the images from shared folder (**dog.gif, cat.gif**) Into your HTML folder
- Add **<img>** tag after **<p>** tag:

<img src=>

<img src="cat.png">

CoderDojo **Greystones**

Inspect image in Brackets

```
1  <div style="background-color: Azure">
2      <h3 style="color: Blue">Dog</h3>
3      <p>The dog is a mammal with
4          <strong>sharp</strong>
5          teeth, an excellent sense of smell,
6          and a fine sense of hearing.
7      </p>
8      <img src="dog.gif">
9  </div>
10
11  <div style="background-color: Linen">
12      <h3 style="color: Firebrick">Cat</h3>
13      <p>Cats            kept because
14          <str            trong>,
15          and            ll their main
16          in f
17      </p>
18      <img src="cat.gif">
19  </div>
```

300 × 238 pixels

- Hover over **cat.gif**
- Note 300 x 238
- it's **width** and **height**

Line 18, Column 18 — 19 Lines   INS   HTML ▾   Spaces: 4

me anything

21:55
30/09/2016

Resize image

- We use **width** and **height** attributes

```
<img src="cat.png">
```

```
<img src="cat.png" width="200">
```

```
<img src="cat.png" width="200" height="120">
```

Overview

```
1  <div style="background-color: Azure">
2      <h3 style="color: Blue">Dog</h3>
3      <p>The dog is a mammal with
4          <strong>sharp</strong>
5          teeth, an excellent sense of smell,
6          and a fine sense of hearing.
7      </p>
8      <img src="dog.gif" width="300" height="238">
9  </div>
10
11 <div style="background-color: Linen">
12     <h3 style="color: Firebrick">Cat</h3>
13     <p>Cats were first kept because they ate
14         <strong>mice</strong>,
15         and this is still their main 'job'
16         in farms.
17     </p>
18     <img src="cat.gif" width="300" height="238">
19 </div>
```
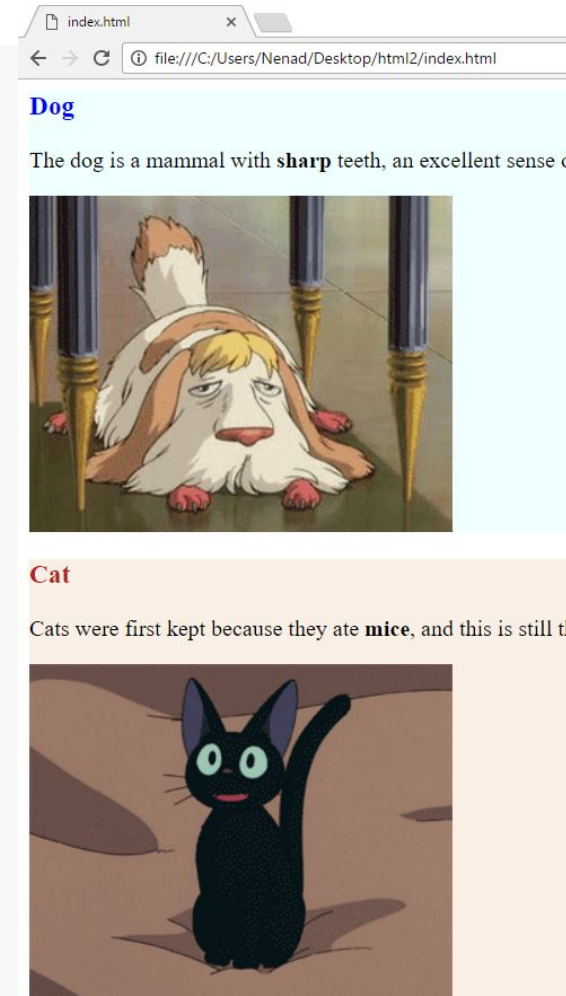
Video embed

Connect to the internet and open this link:

https://www.youtube.com/watch?v=SONsxNu94rE

https://

www.youtube.com

/watch?v=

SONsxNu94rE

CoderDojo Greystones

Grab the HTML code


```
<iframe width="560" height="315" src="https://www.youtube.com/embed/SONsxNu94rE" frameborder="0" allowfullscreen></iframe>
```

Include code in your page

- Add to your cat article
- Notice **<iframe>** tag with attributes

```
<iframe
  width="560"
  height="315"
  src="https://www.youtube.com/embed/SONsxNu94rE"
  frameborder="0"
  allowfullscreen>
</iframe>
```

That's all for now, folks!

What we learned in this lesson:

- How to use tag **attributes**
- **CSS styling** using style tag
- How to insert **images <img>** tag, and also **<div>** tag
- We **embedded video <iframe>**

Next up: **making proper HTML skeleton, making multiple pages and linking them**