CSS Properties

CSS Colours

Hex Codes: color representation

Ex. h1 {
       color: #5D3891
     }

Font

Font size :

1 PX = 0.26 mm (height and wide)

1 Pt = 0.35 mm

1 em = 100% of parent

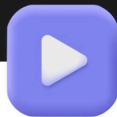1 rem = 100% of root (most common usage)

```html
<html lang="en">
  <body>
    <p id="pixel">1 Pixel is 1/96 of an Inch</p>
    <p id="point">1 Point is 1/72 of an Inch</p>
    <footer>
      <p id="em">1em is 100% the size of the parent element</p>
      <p id="rem">1rem is 100% the size of the root element</p>
    </footer>
  </body>
</html>
```

```css
#pixel {
  font-size: 20px;
}
#point {
  font-size: 20pt;
}
#em {
  font-size: 1em;
}
#rem {
  font-size: 1rem;
}
footer {
  font-size: 12pt;
}
html {
  font-size: xx-large;
}
```

Static { 1 Pixel is 1/96 of an Inch
         1 Point is 1/72 of an Inch

Relative { 1em is 100% the size of the parent element
           1rem is 100% the size of the root element

The App Brewery

Font Weight

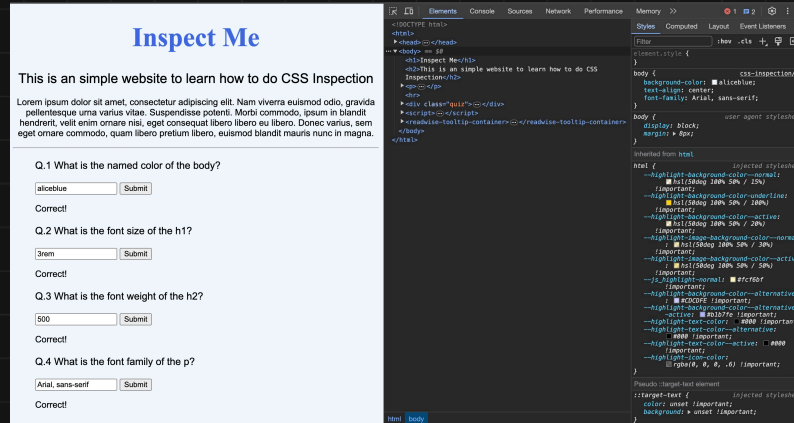| normal | lighter — 100 | number · |
bold	bolder + 100	
Keywords	Relative to Parent	100-900
		light bold

Font Family

```css
h1 {
  font-family: Helvetica, sans-serif
}

h2 {
  font-family: "Times New Roman", serif
}
```
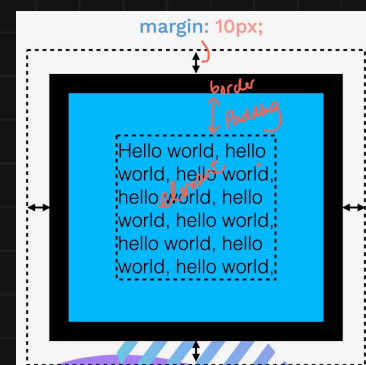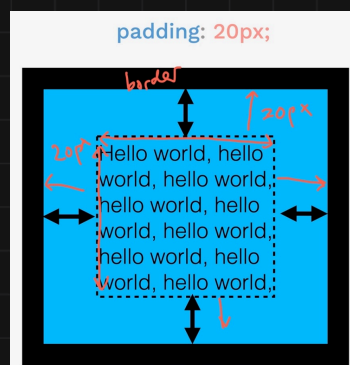
To add customized font:
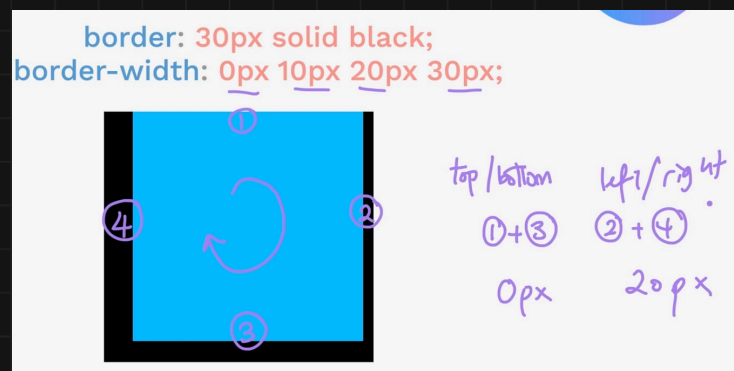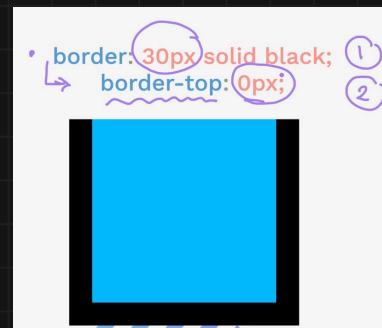
① Copy the link to head tag

② Copy the css rule to specific element

CSS Inspection

CSS Box Model

Border:

border: 10px solid black;

border: 30px solid black;
border-top: 0px;

border: 30px solid black;
border-width: 0px 10px 20px 30px;

top/bottom   left/right
①+③   ②+④
0px   20px

padding: 20px;

margin: 10px;
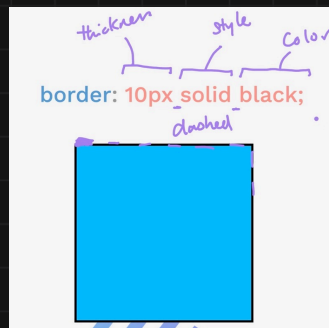
< div > ··· < /div >
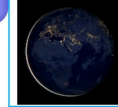
```
<body>
  <div>
    <p>Hello World</p>
    <img src="./world.png"/>
  </div>
  <div>
    <p>Good Night World</p>
    <img src="./night-world.png"/>
  </div>
</body>
```

Hello World

Good Night World

CSS Properties

Color : { CSS build-in color
        { Hex code

Font : { size : pt, px, em, rem
        { weight : light, bold
        { family : get font from fonts.google.com

Box Model : { border : size type color (10px solid black)
             { padding : size
             { margin : size

margin: 10px;

border
padding

Hello world, hello
world, hello world,
hello world, hello
world, hello world,
hello world, hello
world, hello world,