

MORE CSS

Week 4 - IST 263

SUMMARY

- What is CSS & how does it affect HTML?
- How to apply CSS?
- CSS Specificity
- ‘Cascading’ Style Sheet
- CSS Vocabulary

HTML \Rightarrow DOM Tree

```
<!doctype html>  
<html lang="en">  
  
  <head>  
    <title>IST 263</title>  
  </head>  
  
  <body>  
    <p>Hello World !!!</p>  
  </body>  
  
</html>
```

CSS Vocabulary

- Selector
- Property
- Value
- CSS Declaration
- CSS Declaration Block






```
h1 {  
    font-size: 35px;  
    font-weight: normal;  
    text-align: center;  
    color: #666;  
}
```

TODAY'S CLASS

- Fonts
- Colors
- Values & Units
- Long Hand / Short Form CSS
- Backgrounds
- Block / Inline Elements
- Box Model

CSS COLORS

Basic Colors: Red, Green & Blue

Color	HEX	RGB	Color
	#FF0000	rgb(255, 0, 0)	Red
	#00FF00	rgb(0, 255, 0)	Green
	#0000FF	rgb(0, 0, 255)	Blue
	#000000	rgb(0, 0, 0)	Black
	#FFFFFF	rgb(255, 255, 255)	White

```
h2 {  
  color: #ff0000;  
}
```

```
h2 {  
  color: rgb(255,0,0);  
}
```

```
h2 {  
  color: red;  
}
```

PSYCHOLOGY OF COLOR

Marketers see color as an important tool that can be used to influence consumer's emotions and perceptions

https://en.wikipedia.org/wiki/Color_psychology

TOOLS TO HELP

- <https://colors.co>
- paletton.com
- Browser Add-on: Colorpicker

SPECIFYING SIZES IN CSS

- In Pixels, ***Ex: width: 1000px;***
Pixels are an Absolute value
- In Percentages, ***Ex: width: 100%;***
This is a relative value; relative to the parent element
- in Ems, ***Ex: width: 10em;***
 - 1em = 16px;
 - <https://stackoverflow.com/questions/609517/why-em-instead-of-px>

FONTS

- CSS Font Properties

```
p {  
    font-family: Helvetica, "Trebuchet MS", Verdana, sans-serif;  
}
```

- Custom Fonts

```
@font-face {  
    font-family: "myFont";  
    src: url("myFont.ttf");  
}
```

- Fonts via Google or the Web

CSS BACKGROUNDS

BLOCK / INLINE

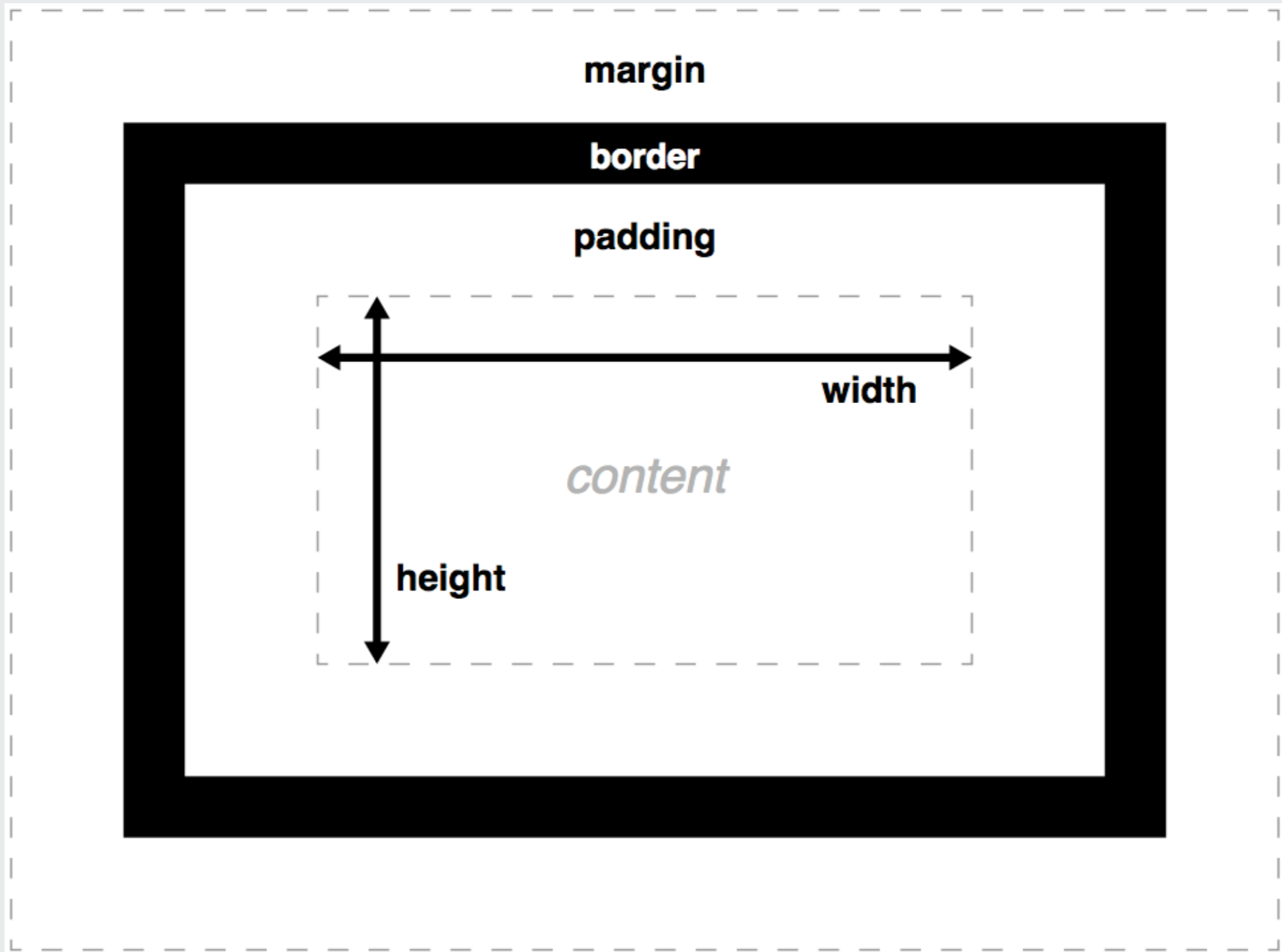
- Block Elements

These HTML elements form a visible block on a page. Eg: List, Paragraph, etc

- Inline Elements

These elements are those that are contained within block-level elements and surround only small parts of the document's content. Eg: Span, Anchors (links), etc

BOX MODEL



CSS SELECTORS

Next Class