CSS Basic Rules - Part#1

Sesiunea 6 - 10/05/2021

/Exercise: CSS selectors\

CSS: where are we, where are we heading

- Types/WHERE

- Selectors/HOW

- Priority scheme

- Next: CSS rules/TOOLS

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/CSS Basic Rules\

CSS: what did we use already

- border

- color/background-color

- width/height

- text-align

- line-height

- display

/A little bit in more detail than that\

CSS: borders, backgrounds and shorthand props

border: 1px solid red;

border: border-width border-style border-color;

Border-style:

- dotted
- dashed
- solid
- double
- groove
- ridge
- inset
- outset
- none
- hidden

Note: can also be set separately.

/code (14) \

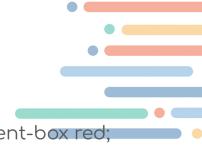# CSS: borders, backgrounds and shorthand props

Background:

- background-color
- background-image
- background-size
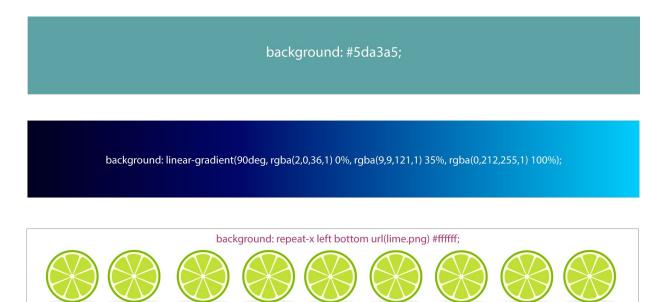- background-repeat

- background-origin
- background-clip
- background-attachment

background: url(texture.jpg) top center fixed padding-box content-box red;

Note: can also be set separately.

CSS: borders, backgrounds and shorthand props

background: #5da3a5;

background: linear-gradient(90deg, rgba(2,0,36,1) 0%, rgba(9,9,121,1) 35%, rgba(0,212,255,1) 100%);

background: repeat-x left bottom url(lime.png) #ffffff;

background: no-repeat center url(frogs.jpg) cover;

CSS: borders, backgrounds and shorthand props

background-size:

- auto: original size
- length: width/height
- percentage: width/height
- cover: fills the container
- contain: renders the image fully visible
- initial: sets to default
- inherit: from parent element

background-image: url(image.png)

– what we learned in Navigation applies also here!

/background: examples (10)\

CSS: text formatting

- font-family
- color
- font-size
- font-weight
- text-align (inline or inline-block elements)
- line-height
- text-decoration (useful for links customization)
- text-indent

- letter-spacing
- word-spacing
- direction
- text-shadow
- vertical-align

CSS: text formatting

font-weight:

- normal (400)
- bold (700)
- bolder
- lighter
- 100 - 900

CSS: text formatting

text-decoration:

- none
- line-through
- underline
- overline
- underline overline (combined)

text-decoration-*:

- text-decoration-line
- text-decoration-color
- text-decoration-style

/CSS: text-alignment (12)\

/CSS: fonts\

CSS: fonts

- **font-family: "Times New Roman", Times, serif**

- Generic font families: serif, sans-serif, monospace, cursive, fantasy

- Web-safe fonts: in order to deliver as intended

- Web-safe fonts: provide a fallback plan in case the first option does not work, without major changes affecting the look&feel of the page

- **Add fonts to our webpage** (<link> tag)

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CSS: fonts

Arial
A quick brown fox jumps over the lazy dog
0123456789

Cambria
A quick brown fox jumps over the lazy dog
0123456789

Courier
A quick brown fox jumps over the lazy dog
0123456789

Brush Script MT
A quick brown fox jumps over the lazy dog
0123456789

CSS: fantasy fonts

The Quick Brown Fox Jumps Over The Lazy Dog

The Quick Brown Fox Jumps Over The Lazy Dog

The Quick Brown Fox Jumps Over The Lazy Dog

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/Google Fonts(11)\

/Q&A\

Resources

- MDN Web docs: https://developer.mozilla.org/en-US/
- W3Schools: https://www.w3schools.com/
- CSS fonts: https://www.w3.org/Style/Examples/007/fonts.en.html
- CSS Font Families: https://css-tricks.com/snippets/css/css-font-families/
- text-decoration doc: https://developer.mozilla.org/en-US/docs/Web/CSS/text-decoration
- Google Fonts: https://fonts.google.com/

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Thank you

Next: CSS Basic Rules - Part#2