
Webpage styling

with css3



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Lesson 15

Border

- Image as border:
 - `border-image-source: url(night.jpg);`
 - `border-image-slice: 30;`
 - `border-image-repeat: round;`

or,

 - `border-image: url(border.png) 50 round`
- Rounded corner:
 - `border-radius: 25px;`



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background

- Color:
 - background-color: red;
- Image:
 - background-image: url("*path/to/image*");
- Repeat:
 - repeat
 - no-repeat
 - repeat-x
 - Repeat-y
- Position:
 - top bottom left right center
 - Length values(px, em, %)
- Attachment:
 - scroll
 - Fixed
- Shorthand



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css3 features of background

- background size:
 - contain
 - cover
 - auto
- background-clip:
 - border-box
 - padding-box
 - content-box



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CSS color

- Representation:
 - Color keywords
 - E.g: red, blue, transparent
 - Hexadecimal values
 - Format: #rrggbb
 - E.g: #ffa500
 - RGB values
 - E.g `rgb(0, 0, 0)`
- What are the parts that are affected by color property?



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CSS3 features for color

- `rgba`
 - Red
 - Green
 - Blue
 - alpha
- `hsla`
 - Hue
 - Saturation
 - Lightness
 - alpha



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gradient

- linear-gradient
 - linear-gradient(direction, color-stop1, color-stop2, ...)
- radial-gradient
 - radial-gradient(shape size at position, color-stop1, color-stop2, ...);



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CSS shadow

- Syntax:
 - **[box|text]-shadow: offset-x offset-y blur-radius color;**
- Type:
 - Text shadow
 - Box shadow
- e.g:
 - **box-shadow: 5px 5px 10px white;**
 - **text-shadow: 5px 5px 10px #666;**
- Supports multiple comma separated values
 - box-shadow: 5px 5px 10px red, 10px 10px 20px yellow;



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Project: Let's create a mini calendar

Task: create this layout(concept of flexbox)

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Text overflow

- Hiding text overflow
 - `text-overflow: [clip | ellipsis | string];`
 - Won't be effective without:
 - `white-space: nowrap;`
 - `overflow: hidden;`
- Breaking word overflow
 - `word-wrap: [normal | break-word]`
- Line breaking rule:
 - `word-break: [normal | break-all | keep-all];`



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