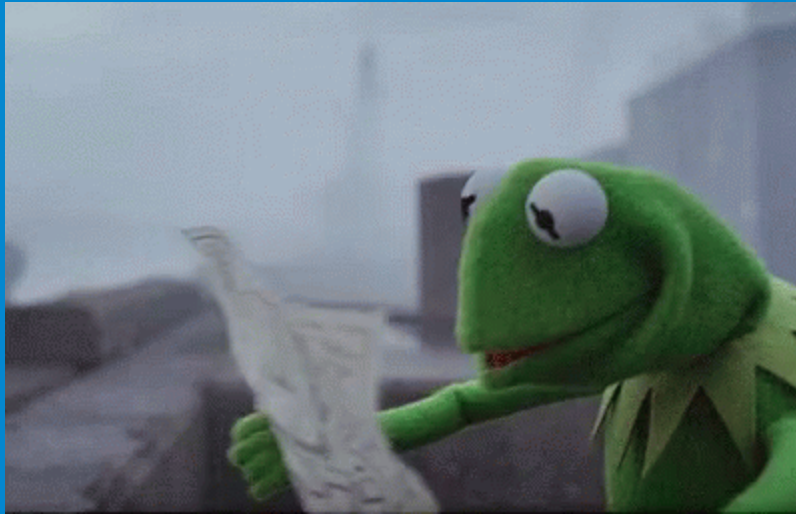# HTML & CSS

Martin Hutchings

Day Five

- Navigation
- Gradients
- Fonts
- Text Formatting
- Font Icons

Navigation

The `<a>` Tag

For internal use:

```html
<a href="blog/about-me.html">About Me</a>
```

For external use:

```html
<a href="https://sbb.ch" target="_blank">View in SBB</a>
```

- `_parent` : parent frame
- `_top` : top most frame

`href`

- Sections of a page with fragment URLs

- Pieces of media files with media fragments

- Telephone numbers with `tel:` URLs

- Email addresses with `mailto:` URLs

```
<p>You can reach me at:</p>

<ul>
  <li><a href="https://github.com/stribis/">Website</a></li>
  <li><a href="mailto:martin.hutching@sae.edu">Email</a></li>
  <li><a href="tel:+410442001201">Phone</a></li>
</ul>
```
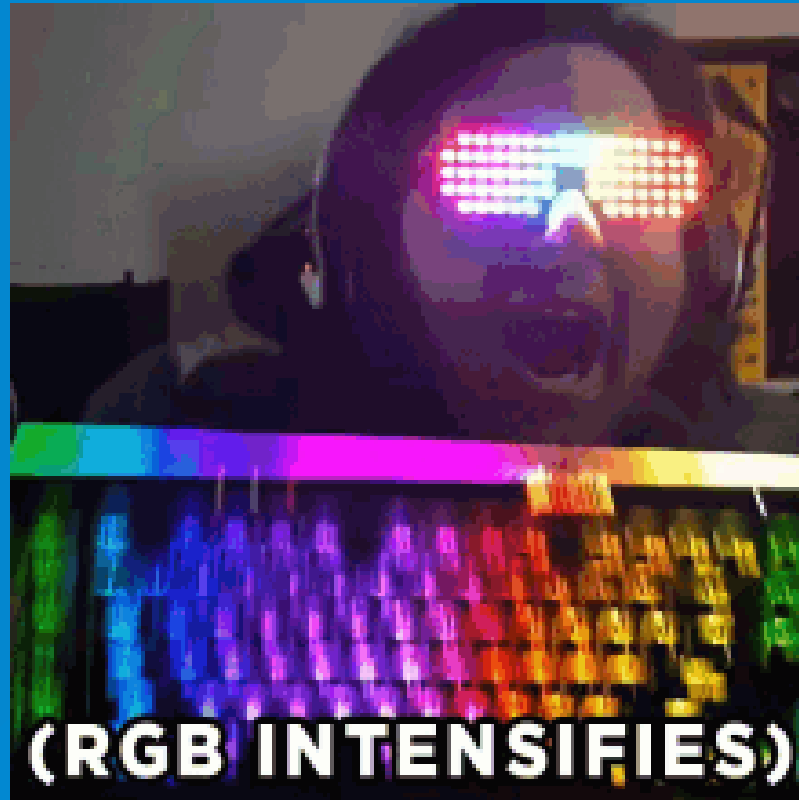
Understanding Relative Paths

Path	Description
`src="picture.jpg"`	The file is located in the same folder as the current page
`src="images/picture.jpg"`	The file is located in the images folder in the current folder
`src="/images/picture.jpg"`	The file is located in the images folder at the root of the current project
`src="../picture.jpg"`	The file is located in the folder one level up from the current folder

Gradients

(RGB INTENSIFIES)

Syntax

- Simple: `background: linear-gradient(#e66465, #9198e5);`

- With direction:
  `background: linear-gradient(30deg, #e66465, #9198e5);`

- With multiple colors:
  `background: linear-gradient(to left, #3f87a6, #ebf8e1, #f69d3c);`

- With Stops:

```
background: linear-gradient(to right,
    red 20%,
    orange 20% 40%,
    yellow 40% 60%,
    green 60% 80%,
    blue 80%);
```

Flags Exercise

Fonts

Online Font Service

- **FREE** Google Fonts

- **$$$** Adobe Fonts

- Import the font
  - In CSS using `@import` **OR**
  - In HTML using `<link>`

- Use the font
  - `font-family : 'font-name', fallback;`

- Use generic families as fallback options like "serif", "sans-serif", "cursive", "fantasy", "monospace"

11

Using your own fonts

- Import file using `@font-face`

```css
@font-face {
  font-family: 'Sensation Light';
  src: url(sansation_light.woff);
}
```

- `src` being the relative path to the font file.

- Use the font

  - `font-family : 'Sensation Light', fallback;`

Compatibility

Font format					
TTF/OTF	9.0*	4.0	3.5	3.1	10.0
WOFF	9.0	5.0	3.6	5.1	11.1
WOFF2	14.0	36.0	39.0	10.0	26.0
SVG	Not supported	Not supported	Not supported	3.2	Not supported
EOT	6.0	Not supported	Not supported	Not supported	Not supported

- As of 2021.
- **Always** check in CANIUSE to be safe!

Demo Font Size

- `font-family:` Schrift1, Schrift2, sans-serif;
- `font-size:` px |rem | em |%
- `color:` farbname | hexacode | rgba
- `text-decoration:` none | underline | overline | line-through
- `text-shadow:` offset-x offset-y blur-radius color-code;
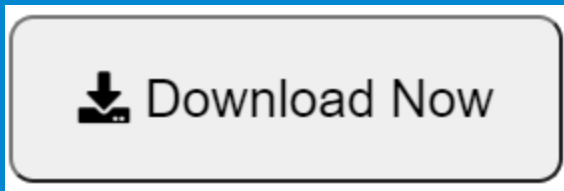(mehrere Schatten kommaseparierte Wertketten)
- `text-align:` left | right | center | justify
- `vertical-align:` top | bottom |middle
- `text-transform:` uppercase | lowercase | capitalize
- `text-indent:` px |rem | em |%
- `letter-spacing:` px |rem | em (auch negative Werte)
- `line-height:` 0 bis ~ (Fliesskommazahl, px, %)
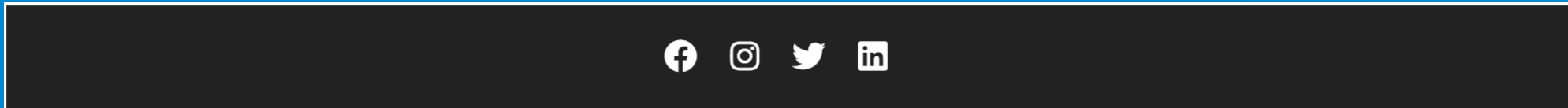- `word-spacing:` px |rem | em |% (auch negative Werte)

Font Icons

- [Font Awesome](#) *BEST
- [Icofont](#) *As download only
- [Fontello](#) *Create your own
- [Iconmoon](#) *Create your own

Aufgabe `font-icons`

Create a download button:

⬇ Download Now

Create a footer:

[Facebook] [Instagram] [Twitter] [LinkedIn]

Add a hover effect! Make the links orange when hovering.

Homework

HOMEWORK TIME