Cascading Style Sheets (CSS)

Pseudo-Classes

Pseudo-Classes

- Selector for a particular "state" of an element, e.g. hover
- Preceded by a colon (e.g. ":hover")
- [List of pseudo-classes](#)

Hyperlink Styling

- Relevant pseudo-classes:
  - :link – unvisited link
  - :visited – visited link
  - :hover – hovering with mouse
  - :active – link being pressed
- Should be defined in that order

Advanced Effects

- Link Effects Demo
  - Tutorial
  - Note: these use a concept called pseudo-elements
- Hover.css
- Smashing Magazine: Pseudo-elements and -classes

Fixed Navbar & Long Scroll

e.g. bitelabs.org

Anchor Links

```html
<a href="#section-1">Go to Section 1</a>

<!-- Rest of page... -->

<section id="section-1">
    <!-- Content here... -->
</section>
```

smooth-scroll.js

- A JavaScript library for animated scrolling to anchor links
- [Source](#)
- [CDN](#)
- Uses a custom "data-scroll" attribute to find links:

```html
<a data-scroll href="#section-1">Go to Section 1</a>

<!-- Rest of page... -->

<section id="section-1">
    <!-- Content here... -->
</section>
```

Fixed Navbar

1. Create a fixed navbar
    1. Set position to fixed
    2. Give a it a height (e.g. 80px)
    3. Set line-height to center text in navbar
2. Give the body a top margin or padding equal to the navbar's height
3. Style the hyperlinks (if necessary)

Centering Anything

Approaches

- Horizontal
  - inline/inline-block elements
    - `text-align: center;`
  - block elements
    - `margin: auto;`
- Vertical
  - Single line of text
    - `line-height`
  - block/inline-block
    - `margin`
    - `position: absolute;`

Absolute + Relative

Is the element of unknown width and height?

If you don't know the width or height, you can use the transform property and a negative translate of 50% in both directions (it is based on the current width/height of the element) to center:

```css
.parent {
  position: relative;
}
.child {
  position: absolute;
  top: 50%;
  left: 50%;
  transform: translate(-50%, -50%);
}
```

CSS-Tricks Complete Centering Guide