

# Display and Visibility

# Display is Key to Layout

- **Every element is a box**
- **Display affects the layout of neighboring elements**

# Common Values

- **inline:** sits next to other elements
  - takes up “just enough” width and height
- **block:** forces line break
  - default: take up all horizontal width and “just enough” height
  - rules can set height and width



# Common Values

- **inline-block:**
  - same as inline, but accepts height and width
- **none: removed from page**
  - **Still in DOM, but not visual (even to SRs)**

# Complementary Properties

- **float**
  - Reposition elements to the right or left.
  - Elements are aware of one another and will not overlap.
  - Values: left, right
- **clear**
  - Used to keep floating elements away
  - Values: left, right, both

# Element Overflow

- **What happens when you set a height/width and the content doesn't fit any longer?**
- **Use overflow to determine access**



# Overflow

- **visible:** Can cause text to show up “on top” of other text
- **hidden:** Hides anything that goes beyond bounding box
  - This can cause problems since if the user increases font size, they may not be able to see content
- **scroll:** Gives horizontal and vertical scrollbars
- **auto:** Adds scrollbars as needed

# Other Display Values

- **New display properties are available, but not always supported:**
  - **Table**
  - **Grid**
  - **Flexbox**



# display:table

- Sometimes you want to have table-like layout without using table structure, use **display:table** along with **display:table-cell** for elements.

# Visibility

- Specifies whether or not element is visible
- Options include:
  - visible
  - hidden
  - collapse (only for table elements)
- Unlike `display:none` a hidden element is still part of the **DOM** and still takes up space

# Review

- **Display is just one tool for positioning our elements on the page**
- **Early design will make the coding easier**
- **Utilize tools to see the different options**



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