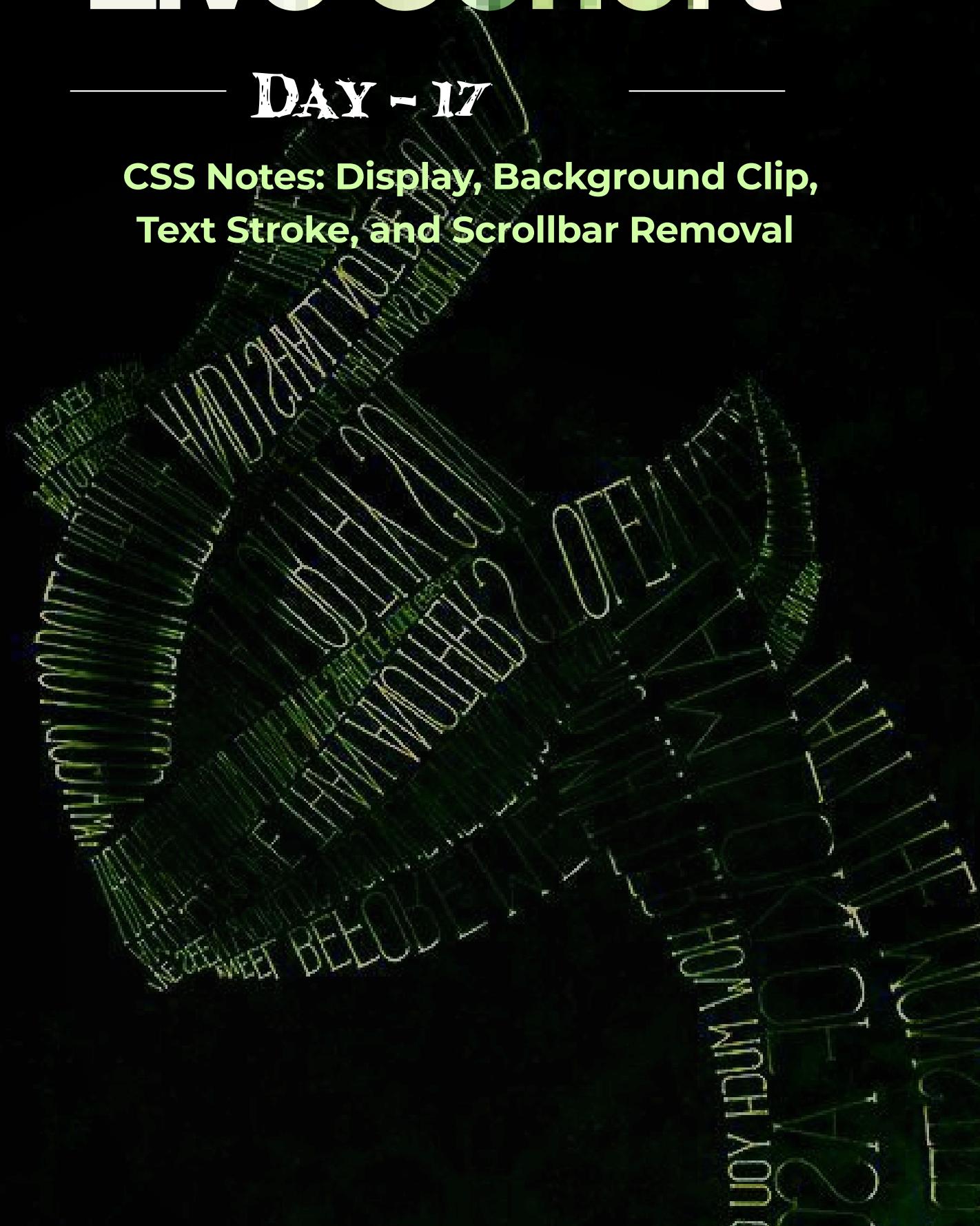


Live Cohort

DAY - 17

**CSS Notes: Display, Background Clip,
Text Stroke, and Scrollbar Removal**



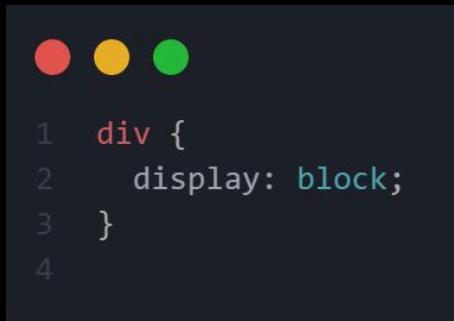
CSS Notes

1. Display Property

The display property controls how elements are arranged and how they occupy space in a layout.

1.1 display: block

- Takes the full width of the parent container.
- Always starts on a new line.



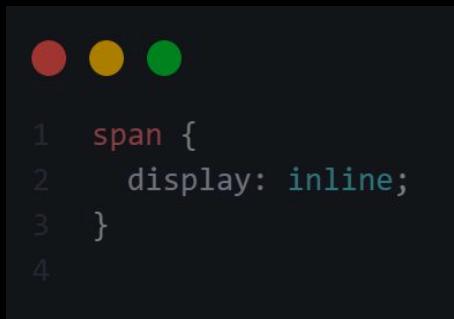
```
1  div {  
2      display: block;  
3  }  
4
```



❖ Examples: <div>, <p>, <h1> are block-level elements.

1.2 display: inline

- Takes only as much width as its content.
- Does not start on a new line.



```
1  span {  
2      display: inline;  
3  }  
4
```

❖ Examples: , <a>, , <i>

CSS Notes

💡 Use Case: Inline elements are perfect for styling or emphasizing text inside a paragraph.

1.3 display: inline-block

- Behaves like inline (sits in one line)
- Allows setting width, height, and margin.



```
1 button {  
2   display: inline-block;  
3   width: 100px;  
4   height: 40px;  
5 }  
6
```



👉 Use Case: Perfect for buttons or small elements aligned in a row.

1.4 display: grid

- Turns a container into a grid layout.
- Enables advanced control using rows and columns.



```
1 .container {  
2   display: grid;  
3   grid-template-columns: repeat(3, 1fr);  
4   gap: 10px;  
5 }  
6
```

👉 Use Case: Perfect for buttons or small elements aligned in a row.

CSS Notes

2. Background Clip (background-clip)

The background-clip property defines how far the background extends within an element.

Values

- border-box → Covers border + padding + content.
- padding-box → Inside padding only.
- content-box → Inside content only.

Gradient Text Example



💡 Result: Gradient-filled text using background-clip: text.

💡 Real-life Example: Stylish headings, logo effects, and hero banners.

3. Text Stroke

The -webkit-text-stroke property adds an outline around the text, giving it a bold or outlined effect.

CSS Notes

Example:



```
1 h1 {  
2   font-size: 100px;  
3   color: transparent;  
4   -webkit-text-stroke: 2px red;  
5 }  
6
```

💡 Result: A red outline with transparent fill.

Gradient + Stroke Combo



```
1 h1 {  
2   background: linear-gradient(90deg, red, yellow);  
3   -webkit-background-clip: text;  
4   -webkit-text-fill-color: transparent;  
5   -webkit-text-stroke: 1px black;  
6 }  
7
```



✨ Use Cases:

- Bold hero headers
- Neon or outlined typography
- Stylish text with gradient fill

4. Removing Scrollbar (Webkit)

To hide the scrollbar while keeping scroll functionality:



```
1 ::-webkit-scrollbar {  
2   display: none;  
3 }  
4
```

CSS Notes

⚙️ Works only on WebKit browsers (Chrome, Safari, Edge).

Alternative (Hide but Scroll)

```
1 body {  
2   overflow: auto;  
3 }  
4 ::-webkit-scrollbar {  
5   width: 0;  
6   background: transparent;  
7 }  
8
```

💡 Real-life Example: Clean UIs, sliders, and image galleries without visible scrollbars.

Summary

Concept	Description	Real-life use
display	Controls element layout style	Structure pages, align content
background-clip	Defines how background spreads	Gradient text or shapes
text-stroke	Adds text outline	Bold titles, neon effects
scrollbar removal	Hides scrollbars for clean look	Sliders, modern layouts