

CSS Learning Roadmap (Beginner to Confident)

Here's a **structured path** to cover CSS step-by-step:

✓ 1. CSS Basics

- What is CSS? Why use it?
- Inline vs Internal vs External CSS
- CSS Syntax (selectors, properties, values)
- How to link CSS to HTML

✓ 2. Selectors & Styling

- Element, Class (.), ID (#) selectors
- Grouping, Universal, Descendant, Child
- Colors, Backgrounds, Fonts, Text Alignment
- Margins, Padding, Borders

✓ 3. Box Model & Display

- Content, Padding, Border, Margin
- `display: block | inline | inline-block | none`
- `visibility` vs `display`

✓ 4. Positioning & Layout

- `position: static, relative, absolute, fixed, sticky`
- `z-index`
- Overflow and float

✓ 5. Flexbox & Grid

- Flex container and items
- Grid layout: rows, columns
- Alignment, spacing, responsiveness

6. Responsive Design

- Media Queries
- Viewport units (**vh**, **vw**)
- Mobile-first design

7. Transitions & Effects

- Hover effects
- Transitions
- Basic animations