

## 30-Day CSS Mastery Plan

### Week 1: Core Foundations

#### Day 1: CSS Setup & Selectors

→ Write styles using class, id, element, and group selectors. Build a simple bio card.

#### Day 2: Box Model

→ Explore margin, padding, border. Visually explain the box model with dev tools.

#### Day 3: Units

→ Practice px, em, rem, %, vh/vw in a layout with text and boxes.

#### Day 4: Typography

→ Style headers, body text, spacing, line-height, font weights.

#### Day 5: Colors & Backgrounds

→ Use HEX, RGB, HSL. Add gradients, background images.

#### Day 6: Display Types

→ Practice block, inline, inline-block, none. Layout a simple article.

#### Day 7: Positioning

→ Use relative, absolute, fixed, sticky. Create a sticky header.

### Week 2: Layout & Responsiveness

#### Day 8: Flexbox Basics

→ Build a nav bar using Flexbox. Try justify-content and align-items.

#### Day 9: Flexbox Advanced

→ Practice flex-grow, flex-basis, flex-wrap. Build a pricing layout.

#### Day 10: Grid Basics

→ Create a basic 3-column layout using Grid.

#### Day 11: Grid Advanced

→ Use grid-template-areas, fr, and gap. Build a magazine layout.

#### Day 12: Media Queries

→ Make a layout responsive with breakpoints.

#### Day 13: Responsive Units

→ Use %, vh/vw, and clamp() for font sizing.

#### Day 14: Project Day

→ Build a responsive landing page (Flex + Grid).

## Week 3: UI & Animation

### Day 15: Pseudo-classes

→ Style buttons with :hover, :focus, :active.

### Day 16: Pseudo-elements

→ Add ::before and ::after badges, icons, or underlines.

### Day 17: Transitions

→ Animate hover/focus states. Try ease, ease-in-out.

### Day 18: Transforms

→ Rotate, scale, translate on hover. Animate a card.

### Day 19: Keyframes

→ Create a loading spinner and a bouncing button.

### Day 20: Scroll Behavior

→ Try scroll-behavior: smooth, scroll-snap-type.

### Day 21: Mini Project

→ Animated card UI with hover effects.

## Week 4: Pro Skills & Real Projects

### Day 22: CSS Variables

→ Theme colors using --main-color. Toggle dark/light.

### Day 23: BEM & Naming

→ Refactor an old layout using BEM structure.

### Day 24: Custom Form Styling

→ Style a form with radio buttons, checkboxes, focus states.

### Day 25: Advanced Selectors

→ Use :nth-child, :not(), attribute selectors.

### Day 26: Subgrid & Container Queries

→ Try Subgrid (if browser supports). Try container query basics.

### Day 27: CSS-Only Components

→ Create a dropdown and toggle switch without JS.

### Day 28: Final Project Start

→ Plan & start building a personal portfolio with animations.

### Day 29: Final Project Continue

→ Add responsive layout, transitions, and dark mode.

### **Day 30: Final Review & Polish**

→ Test, refactor, and publish your portfolio!