

Here are ten advanced CSS challenges that will push you to master HTML and CSS by creating intricate and polished solutions.

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Challenge 1: Pure CSS Dropdown Menu

Create a responsive navigation menu that demonstrates your understanding of CSS positioning and transitions. The dropdown submenu should appear elegantly when hovering and disappear when the cursor moves away.

Challenge 2: Image Gallery with Lightbox

Design a captivating image gallery that not only displays images in a grid, but also opens them in an elegant lightbox when clicked. Implement smooth transitions and navigation buttons within the lightbox for a seamless user experience.

Challenge 3: Animated Loading Spinner

Show that you are proficient in CSS animations by creating a responsive loading spinner that exudes professionalism. Use keyframes and transformations to create a spinner that spins gracefully as the page content loads.

Challenge 4: Custom Radio Buttons and Checkboxes

Show your attention to detail and user interface design skills by customising radio buttons and check boxes. Strive for a clean and intuitive design that enhances usability and blends seamlessly with the various form elements.

Challenge 5: CSS Grid-based Pricing Table

Show off your responsive design skills by creating a dynamic pricing table with CSS Grid. Ensure that each pricing plan occupies consistent columns and adapts elegantly to different screen sizes to provide a visually appealing and user-friendly experience.

Challenge 6: Parallax Scrolling Effect

Unleash your creativity by adding a captivating parallax scroll effect to a web page. Immerse users in an interactive experience where the background image moves at a different speed to the foreground, creating a sense of depth and engagement.

Challenge 7: CSS Flexbox Calendar

Demonstrate your mastery of CSS Flexbox by creating a sophisticated monthly calendar. Design day cells that automatically adjust their layout to ensure even spacing and ensure the calendar remains visually appealing on screens of all sizes.

Challenge 8: Animated CSS Tooltip

Improve your user interface design skills by creating an animated tooltip that enriches the interaction with the user. The tooltip should appear with a smooth fade-in animation when you hover over an element to enhance usability and aesthetics.

Challenge 9: Responsive CSS Accordion

Show off your responsive design skills by creating an elegant accordion component. Design a solution that allows content areas to expand and collapse smoothly, adapting seamlessly to different screen sizes and orientations.

Challenge 10: CSS Text Animation Banner

Show your creativity and mastery of keyframes by developing a captivating text animation banner. The banner should run through a series of messages with elegant transitions that attract attention while being readable.

REMEMBER - you can only use HTML and CSS: no JavaScript or CSS libraries!