

64 CSS Interview Questions (And Answers) to Ask Your Candidates

Questions

1. Can you explain the box model in CSS and its importance?
2. How would you approach making a website responsive?
3. What are CSS preprocessors, and why might you use them?
4. Can you discuss the concept of specificity in CSS?
5. How do you handle browser compatibility issues in CSS?
6. What is the difference between relative and absolute positioning in CSS?
7. How do you implement CSS grid and flexbox, and when would you use each?
8. What are pseudo-classes and pseudo-elements in CSS?
9. What's the difference between inline, internal, and external CSS?
10. How do you center an element horizontally and vertically using CSS?
11. Explain the concept of CSS specificity and how it affects styling.
12. What are CSS variables and how do you use them?
13. How do you create a responsive design without using media queries?
14. What's the purpose of the 'z-index' property and how does it work?
15. Describe the difference between 'display: none' and 'visibility: hidden'.
16. How do you implement a CSS-only dropdown menu?
17. What are CSS animations and how do you create them?
18. Explain the concept of CSS inheritance.
19. How do you optimize CSS for better performance?
20. What's the difference between 'em', 'rem', and 'px' units?
21. How do you create a CSS triangle without using images?
22. What are CSS counters and how do you use them?
23. Explain the concept of CSS specificity and how to calculate it.
24. How do you implement a responsive image gallery using CSS?
25. What's the purpose of the 'overflow' property in CSS?
26. How do you create a sticky footer using CSS?
27. What are CSS custom properties and how do they differ from variables?
28. How do you implement a CSS-only accordion without JavaScript?
29. How would you create a responsive layout that changes from a single column on mobile to three columns on desktop without using media queries?
30. Can you explain the concept of CSS custom properties (variables) and how they differ from preprocessor variables?
31. How would you implement a CSS-only tooltip without using JavaScript?
32. Explain the concept of CSS containment and its potential performance benefits.
33. How would you create a CSS-only accordion without using JavaScript?
34. Can you explain the difference between 'transform' and 'transition' properties in CSS?
35. How would you implement a multi-level dropdown menu using only CSS?
36. Explain the concept of CSS logical properties and when you might use them.
37. How would you create a responsive image that maintains its aspect ratio?
38. Can you explain the concept of CSS content-visibility and how it can improve performance?
39. How do you apply styles conditionally based on screen size without using media queries?
40. What is the purpose of the 'calc()' function in CSS, and how would you use it?
41. Can you explain how CSS grid and flexbox can work together in a single layout?
42. How do CSS transitions enhance user experience, and can you provide an example?
43. What are the differences between absolute, fixed, and sticky positioning in CSS?
44. How would you use the 'clamp()' function in CSS to create responsive typography?
45. Can you describe how to use CSS variables to manage themes across a web application?
46. What approaches would you take to ensure accessibility in your CSS styling?
47. How would you implement a CSS-only modal dialog?
48. Can you explain the difference between 'visibility: collapse' and 'display: none' in table elements?
49. How do you ensure that a website is mobile-friendly?
50. What is the purpose of viewport meta tags in responsive design?
51. How do you handle different screen sizes in your CSS layouts?
52. How do you approach testing a responsive website?
53. Can you explain the concept of a mobile-first design approach?
54. What are some common challenges you face with responsive design, and how do you overcome them?
55. How do you prioritize content for different devices in responsive design?
56. What role do breakpoints play in responsive design?
57. How do you handle responsive typography in your designs?
58. Imagine you have a webpage where an important button is not visible on smaller screens. How would you approach making it accessible without changing the HTML structure?
59. You notice that a webpage is loading slowly due to heavy CSS files. What steps would you take to optimize the performance?
60. How would you ensure consistent styling across different browsers?
61. If you were tasked with redesigning a webpage to improve its accessibility, what CSS changes would you consider?
62. How would you handle a situation where a third-party CSS library conflicts with your existing styles?
63. A stakeholder wants to introduce a new color scheme to an existing website. How would you implement this change efficiently?