

CSS Interview Questions and Answers

We have the set of HTML CSS interview questions and answers for experienced to freshers, which will help you to crack the **CSS interview** effortlessly.

Nowadays, every business is using the digital platform for growing its business through websites and advertisements. Sites are the key feature that brings the company worldwide.

So, every business person tries to make their websites user engaging, attractive, and systematic design. It increases the interaction time the user spends on the site.

CSS is an essential feature for creating an attractive, user friendly, and systematic design. So companies are hiring the persons who can make that happen.

If you are interested in applying the job of CSS developer, then it is necessary to cover up all the basics and advanced portions of CSS.

Read Also: [Top 25 HTML Interview Questions](#)

What is CSS?

Ans. CSS stands for cascading style sheet. It is the web designing language used for formatting the look and structure of the web page written in HTML(Hypertext markup language). The application is known as XHTML. CSS is used with different XML documents such as plain XML, SVG, and UXL. It makes the page attractive and presentable. It is mainly used with HTML and Javascript for developing user interfaces in web applications and mobile applications.

Explain different ways to integrate the CSS on the web page.

Ans. There are three different ways to integrate the CSS on the web page, such as Inline CSS, External CSS, and Internal CSS.

Inline CSS

In this method, CSS is written along with HTML code using the style attribute in HTML tags.

Example

We want to change the color of text using inline CSS we can do this using the following code:

```
<p style="color:red">Welcome to our website Errorsea</p>
```

External CSS

In this method, the CSS file is created at a different location, and we can directly integrate it into different web pages.

Example

We have created the CSS file at the following location:

public/dist/css/style.css

And we want to embed this CSS file on our page. We can implement this using the following code:

```
<head>
<link scr="/public/dist/css/style.css">
</head>
```

Internal CSS

It is written in the head tag of the HTML page.
We can write CSS code in <style> tag.

Example

```
<style>
.heading{
text-align:center;
color:#00ff00;
border: 1px solid black;
Padding: 2px 2px;
}
</style>
```

What are the different variations of the CSS language?

Ans. There are different variations in CSS they are listed below:

- CSS 1
- CSS 2
- CSS 2.1
- CSS 3
- CSS 4

What are the advantages of CSS language?

Ans. The advantages of CSS are listed below.

- Site-wide consistency
- Different document can be controlled
- To group style in a complex situation
- Page reformatting
- Accessibility
- Page reformatting

What are the limitations of CSS language?

Ans. The limitations of CSS are listed below.

- Limitations of vertical control
- For rendering extra document CSS is needed
- No expression
- Pseudo-class not controlled by dynamic behavior
- For small style document, it is not practical
- No column declaration

Explain the CSS frameworks in brief.

Ans. CSS frameworks are the predefined libraries which make the styling of the web pages easy and systematic.

- Bootstrap
- Foundation
- Semantic UI
- Gumby
- Ulkit

What is the embedded style sheet? How is it used?

Ans. An embedded style sheet is one of the popular and mostly used CSS style specification methods with a markup language. We can embed the whole stylesheet using <style> tag in HTML.

Example

```
<style>
body{
background:#f0f0f0;
padding: 5px 5px;
}
h1{
color: red;
margin: 2px 20px;
text-align:center;
}
</style>
```

What are the advantages of embedded style sheets?

Ans. Embedded style sheet has the following advantages.

- Use selectors and group style in a complicated situation
- Extra download is unnecessary for importing information.
- Classes can be created for use with different HTML tags

Explain the CSS selector in brief.

Ans. A CSS selector provides the link between the HTML tags and CSS styles. It is a string that identifies the element to which the style declaration applies. Different CSS selectors are as follows.

- CSS Element Selector
- CSS Id Selector
- CSS Class Selector
- CSS Universal Selector
- CSS Group Selector

Explain the CSS box model in brief.

Ans. The CSS box model is used for defining the layout of different elements in CSS. It has elements like margin, padding, border, etc.

- Margin: It is the transparent area outside the border
- Padding: It is transparent, and its space is around content.
- Border: It shows the border around the content.

Example

```
<style>
div{
width: 250px;
margin: 5px 5px;
border: 1 px solid #f0f0f0;
padding: 3px 3px;
}
</style>
```

What is the universal selector?

Ans. The universal selector is used for selecting all the HTML elements, and it applies the style declaration to all the elements.

```
<style>
*{
font-size:15px;
text-align:justify;
Padding: 2px 0;
}
</style>
```

What is the use of opacity in CSS?

Ans. The opacity is mainly used in defining the transparency of the element. In other words, it specifies the clarity of an image by allowing some fixed size of light to pass through it.

Example

```
<style>
img{
height:250px;
width:250px;
opacity:50px;
}
</style>
```

How to apply a background color to a specific element.

Ans. The background-color property is used to specify the background color of the element.

Example

```
<style>
h1{
background-color: #ff00ff;
}
P{
background-color: #f0f0f0;
}
</style>
```

Name some of the CSS style components.

Ans. Some of the CSS style components are:

- Selector
- Components
- Value

Which property is used for controlling image repetition in the background?

Ans. The background-repeat property is responsible for controlling the image repetition. Using this property, we can repeat an image horizontally, vertically, or both. It has the following different values:

- repeat: it repeats the image horizontally and vertically
- repeat-x: it repeats the image horizontally
- repeat-y: it repeats the image vertically
- no-repeat: it does not repeat the image.

Example

```
<style>
div {
background-image:url (errorsea.jpeg);
background-repeat:no-repeat;
}
</style>
```

How to control the image positions using CSS in the background.

Ans. The background-position property is responsible for controlling the position of the background image. We can set the following values.

- Center: set image at the center position
- Bottom: set image at the bottom position
- Top: set image at the top position
- Left: set image at the left position
- Right: set image at the right position

Example

```
<style>
div {
background-image:url (errorsea.jpeg);
background-repeat:no-repeat;
background-position:center;
}
</style>
```

What is the ruleset and CSS selector?

Ans. The ruleset is used to identify the selector that we can attach with another selector.

CSS selectors are used to selecting the content we want to style. It is the part of the CSS ruleset. It selects the elements according to its id, class, and attribute, etc.

What is the class selector? Give one example of the class selector.

Ans. The class selector is used to select an element with a specific class attribute. We can select the elements of class with a dot operator (.) followed by a class name.

Example

```
<!DOCTYPE html>
<html>
<head>
<style>
.heading{
color: #ff00ff;
text-align:center;
font-size:25px;
}
</style>
</head>
<body>

<p class="heading">Welcome to our website Errorsea</p>

</body>
</html>
```

What is the id selector? Give one example of the class selector.

Ans. The id selector is used to select an element with a specific id attribute. We can select the elements with a hash operator(#) followed by id name.

Example

```
<!DOCTYPE html>
<html>
<head>
<style>
#heading{
color: #ff00ff;
text-align:center;
font-size:25px;
}
</style>
</head>
<body>

<p id="heading">Welcome to our website Errorsea</p>

</body>
</html>
```

What is the main difference between the class selector and id selector?

Ans. The class selector is used to identify multiple elements with the same class name. The id selector is used to identify only one element with id name.

In other words:

Class selector -> select many elements with the same class name

Id selector -> select only one element with id name

What is W3C?

Ans. W3C is the world **wide web consortium**. Its main work is to deliver the information to the worldwide web. It develops the guideline and rules for the web.

What is z-index and how it is used?

Ans. The **z-index** is used for ordering the different elements that can overlap each other. Its default value is zero. We can assign the positive as well as negative numbers to z-index. The element with higher z-index has a higher position than other elements. The z-index can have the following values:

- Auto: sets the order to its parent
- Number: sets the order of the element
- Initial: set for a default value
- Inherit: inherit the property from its parent

Enlist the font attributes.

Ans. Font attributes are:

- font-weight
- font-size
- font-type
- font-variant
- font-style
- font-family
- caption
- item

Explain the physical tag.

Ans. Physical tags are mainly used to indicate how a particular character is to be formatted. They are also referred to as presentational markup. It is a newer version.

Explain the logical tag.

Ans. Logical tags are mainly used to indicate by the visually impaired and put emphasis on the text. They are useless for appearances. They are old and concentrate on the content.

Conclusion

This is all about different CSS interview questions with complete answers. I am sure it will help you in cracking the web designer interview as an experienced or a fresher, and it will increase your confidence, too.

I hope you found this post fully informative and helpful.

Thank you for reading 😊