

1: Child property

2: CSS color:

1. Named color
2. RGB color
3. Hexadecimal Colors
4. Alpha (transparent to opaque)
5. HSL Colors

HSL stands for hue, saturation, and lightness. Hue is the color type (a degree on the color wheel from 0 to 360), saturation is the intensity of the color (0% is grayscale, 100% is fully saturated), and lightness defines how light or dark the color is (0% is black, 100% is white).

6. background-color

background-size: cover; To cover entire element

background-repeat: no-repeat; Prevents the image from repeating

3: CSS fonts

1. `font-family`

2. `Font-size`

`10px`

`2em`

`3 rem`

`120%`

`Viewport width 20vw (20% of viewportwidth)`

`Viewport height 20vh`

3. `Font-weight` (normal, bold, or numerical values from 100 to 900.)

4. `Font-style` (italic, oblique, or normal.)

5. `Font-variant` () // Homework

6. `line-height: 1.5; /* 1.5 times the font size */`
7. `letter-spacing`
8. `Word-spacing`
9. `Text-transform`
10. `Font-stretch // Homework`

Cascading:

- Order
- Specificity
 - ID
 - Attribute
 - Class
 - Child and descendent
 - Element and group element
- Type
 - Inline
 - Internal and external css
- Important

CSS Homework Assignment Instructions

Objective: Create a CSS file to style an HTML page. Follow the instructions below to write your own CSS code.

Instructions:

1. **Set Global Styles:**

- Use the `body` tag to set:
 - `font-family` to `'Verdana', sans-serif;`
 - `color` to `#333`
 - `background-color` to `#f0f0f0`

2. Style the Header:

- Create a style for the `header` tag:
 - Set `background-color` to `#4CAF50`
 - Change `color` to `white`

3. Heading Styles:

- For the `h1` tag:
 - Set `font-size` to `3em`
 - Use `font-weight` as `bold`
- For the `h2` tag:
 - Set `font-size` to `1.5em`
 - Set `color` to `#FFD700`

4. Article Styles:

- For the `article` tag, set `background-color` to `white`.
- Style headings (`h3`) and paragraphs (`p`) within the `.css-article` class with different font sizes and colors.

5. List Styles:

- For `h4` tags:
 - Set `color` to `#FF69B4`
 - Set `font-size` to `1.5em`

6. Table Styles:

- For the `table` element, set `background-color` to `#f9f9f9`.
- Style the `th` elements with `background-color` of `#007BFF` and `color` as `white`.

7. Footer Styles:

- For the `footer`, set `color` to `#333` and `background-color` to `#ccc`.