**Css Course 1-12 zero web school**

# **Properties**

Name convention : for exemple user-name

Background-color : red , rgb(r,g,b / 50%) Color Transparency

**For image**

Background-image :url()

Background-repeat :repeat ,repeat-repeat-y,no-repeat

Background-attachment:fixed, scroll

Background-position: left,top or 10px;10px or 10%,10%

Background-size: cover (image appear over size it can not appear all) or contain(all image is shown )

# Background

|  |  |
| --- | --- |
| **Propriety** | **Value** |
| background-color | [red,green ..etc] or rgb(255,255,255 / 50% ) 50% means transparency |
| Background-image | url(“../images/name-image.jpg”) |
| Background-repeat | No-repeat,repeat,repeat-x, repeat-y |
| Background-attachment | Scroll, fixed |
| Background-size | Cover,contrain |
| Background-position | Left, top,(x-px,y-px),(x%,y%) |
|  |  |

# Padding

**Padding** is a CSS (Cascading Style Sheets) property used to define the space between the content of an element and its border.

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| **Properties** | **Value** |
| Padding **not accept** | 10px 15px 15px 10px (top right bottom left) |
| Padding-top | 10px |
| Padding-right | 15px |
| Padding-bottom | 15px |
| Padding-left | 10px |
| Not accept negative value | |

# Margin

**Margin** property in CSS is used to **control** the ***space outside of an element***, creating a gap or separation between the element and other elements around it.

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| **Properties** | **Value** |
| Margin **accept negative value** | 10px 15px 15px 10px (top right bottom left) |
| Margin -top | 10px |
| Margin -right | 15px |
| Margin -bottom | 15px |
| Margin -left | 10px |
| **Used to center element : margin :auto** | |

# Border

**Border** property is used to define the border around an element, such as a **div**, **paragraph**, or **image**. It allows you to specify the appearance, width, color, and style of the **border**.

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| **Properties** | **Value** |
| Border-width | 10px |
| Border-style | solid, dashed, dotted, double, and none. |
| Border-color | red |
| border: [border-width] [border-style] [border-color]  border:**10px** **solid** red | |

# **Outline**

It is similar to **the border property**, but it differs in a few key aspects.

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| **Properties** | **Value** |
| Border-width | 10px |
| Border-style | solid, or dashed or dotted or double, or none. |
| Border-color | red |
| outline-offset:15px ; | space between an **outline** and **border** of an element |
| **outline:** [outline-width] [outline-style] [outline-color]; | |

# Block and inline and inline block

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| **block** | **Inline** | **Block-inline** |
| occupy full width if no width | occupy only sufficient width required. |  |
| Add line break | not add line break | Allow element before and after it |
| Respect padding ,margin, width ,height | not respect width,height  -respect margin [just left ,right ] | Respect padding , margin,width,height |
| [**<h1>-<h6>**](https://www.geeksforgeeks.org/html-heading/)[**<div>**](https://www.geeksforgeeks.org/div-tag-html/)[**<hr>**](https://www.geeksforgeeks.org/html-hr-size-attribute/)[**<li>**](https://www.geeksforgeeks.org/html-li-tag/)  [**<ul>**](https://www.geeksforgeeks.org/html-ul-compact-attribute/)[**<ol>**](https://www.geeksforgeeks.org/html-ol-compact-attribute/)[**<p>**](https://www.geeksforgeeks.org/html-basics/)[**<table>**](https://www.geeksforgeeks.org/html-table-border-attribute/) | [**<a>**](https://www.geeksforgeeks.org/html-links/)[**<br>**](https://www.geeksforgeeks.org/html-brgt-tag/)[**<script>**](https://www.geeksforgeeks.org/html-script-tag/)[**<input>**](https://www.geeksforgeeks.org/html-input-tag/)[**<img>**](https://www.geeksforgeeks.org/html-img-tag/)**<span>**  [**<b>**](https://www.html.am/html-codes/text/html-bold.cfm)[**<label>**](https://www.geeksforgeeks.org/html-label-tag/)**:** |  |

# **Display none and visibility hidden**

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| --- | --- |
| Difference between: **display: none** and **visibility: hidden** | |
| **display: none** | Completely removes the element from the document flow, and it doesn't take up any space. |
| **visibility: hidden** | Hides the element while keeping its space in the layout. |