



# CSS

{ Israel : dahan;  
Zefat : college; }

# Syntax



```
tag {  
  property: value;  
  property: value;  
}
```

# Add CSS - external



```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">

  <link rel="stylesheet" href="mystyle.css">

  <title>Document</title>
</head>
<body>

</body>
</html>
```

# Add CSS - internal

```

<!DOCTYPE html>
<html>
<head>

<style>
body {
  background-color: linen;
}

h1 {
  color: maroon;
  margin-left: 40px;
}
</style>

</head>
<body>

<h1>This is a heading</h1>
<p>This is a paragraph.</p>

</body>
</html>

```

# Add CSS - inline



```
<!DOCTYPE html>
<html>
<body>

<h1 style="color:blue;text-align:center;">This is a
heading</h1>
<p style="color:red;">This is a paragraph.</p>

</body>
</html>
```

# CSS Selectors



```
tag { property: value; } // HTML כלל תגית של
```

```
.class { property: value; } // סימון הנקודה לכל אלמנט עם קלאס
```

```
#id { property: value; } // ID סימון הכוכבית לכל אלמנט עם מזהה יחודי
```

```
tag #id { property: value; } // ( אבא ובן ) גם בן רחוק
```

```
tag.class { property: value; } // אלמנט שיש בו גם תג וגם קלאס
```

```
.classA, .classB { property: value; } // classA עם אלמנטים גם אלמנטים עם classB וגם אלמנט עם classA
```

# CSS - Display



```
.ex1 {display: none;}  
.ex2 {display: inline;}  
.ex3 {display: block;}  
.ex4 {display: inline-block;}
```

# Div - float



```
tag { float: left; }  
tag { float: right; }  
tag { float: none; } /* default */
```



# Tip

```
.main-body {  
  margin: 0 auto;  
}
```

# CSS - BOX model

שוליים חיצוניים - Margin

קו גבול - Border

שוליים פנימיים - Padding

תוכן - Content (width / height)

# CSS - width / height



```
div {  
  height: 200px;  
  width: 50%;  
}
```

# CSS - margin padding



Top / right / bottom / left

```
div {  
  padding: 20px 0 50px 10px;  
  margin: 10px; // שורה זאת שקולה ל-4 שורות הבאות  
  margin-top: 10px;  
  margin-right: 10px;  
  margin-bottom: 10px;  
  margin-left: 10px;  
}
```

Diagram illustrating the CSS padding and margin properties for a `div` element. The padding is set to 20px (top), 0 (right), 50px (bottom), and 10px (left). The margin is set to 10px (all sides). The diagram shows arrows pointing from the text "Top / right / bottom / left" to the corresponding values in the padding property: 20px, 0, 50px, and 10px. The margin property is also shown with its shorthand and individual side properties.

# CSS - Border



```
div {  
  border-style: solid;  
  border-color: red; /* red */  
  border-width: 5px;  
  border: 6px solid red;  
  border-radius: 5px;  
}
```

# CSS - Border style



```
div.dotted {border-style: dotted;}
div.dashed {border-style: dashed;}
div.solid {border-style: solid;}
div.double {border-style: double;}
div.groove {border-style: groove;}
div.ridge {border-style: ridge;}
div.inset {border-style: inset;}
div.outset {border-style: outset;}
div.none {border-style: none;}
div.hidden {border-style: hidden;}
div.mix {border-style: dotted dashed solid double;}
```

# Text - color



```
body {  
  color: blue;  
}
```

```
h1 {  
  color: green;  
}
```

# Text - font family



```
p.a {  
  font-family: "Times New Roman", Times, serif;  
}
```

```
p.b {  
  font-family: Arial, Helvetica, sans-serif;  
}
```



# Text - font face



```
/* option 1 - load from local */
@font-face{
    font-family: "Heebo-regular";
    src: url("./Heebo/static/Heebo-Regular.ttf") ;
}

/* option 2 - import from web */
@import url('https://fonts.googleapis.com/css2?family=Rubik:wght@300&display=swap');

/* option 3 - link to HTML */
<link rel="preconnect" href="https://fonts.gstatic.com">
<link href="https://fonts.googleapis.com/css2?family=Rubik:wght@300&display=swap" rel="stylesheet">

/* and add rule in css */
tag { font-family: 'Rubik', sans-serif; }
```

# Text - align



```
div { text-align: center; }
```

```
div { text-align: left; }
```

```
div { text-align: right; }
```

```
div { text-align: justify; }
```

# Text - align



```
div {  
  text-align: justify;  
}
```

# Text - more option



```
p {  
  text-indent: 50px;  
}  
  
h1 {  
  letter-spacing: 3px;  
}  
  
p.small {  
  line-height: 0.7;  
}  
  
p.big {  
  line-height: 1.8;  
}
```

# Links

```
/* unvisited link */
a:link {
  color: red;
  text-decoration: none;
}

/* visited link */
a:visited {
  color: green;
  text-decoration: none;
}

/* mouse over link */
a:hover {
  color: hotpink;
  text-decoration: none;
}

/* selected link */
a:active {
  color: blue;
  text-decoration: underline;
}
```

# Thanks!

Do you have any questions?

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