



# **TOPIC : CSS3 – ADDED FEATURES.**

## **SESSION : 4**

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Thursday, September 14, 2017

# Topics

- **CSS3 – Added Features To CSS2**
  - CSS3 – Gradient.
  - CSS3 – Shadow.
  - CSS3 – Text.

# CSS3 – Gradient Color Effect...

- CSS3 gradients – display smooth transitions between two or more specified colors...
  - CSS3 defines two types of gradients:...
  - Linear Gradients (goes down/up/left/right/diagonally)
  - Radial Gradients (defined by their center)

## CSS3 Linear Gradients...

### Syntax...

background: linear-gradient(direction, color-stop1, color-stop2, ...);

Linear Gradient - Top to Bottom (this is default)

# CSS3 – Gradian Color Effect...

## ➤ Example:...

### Linear Gradient - Top to Bottom

```
#id {  
    background: -webkit-linear-gradient(red, yellow); /*Safari 5.1 to 6.0 */  
    background: -o-linear-gradient(red, yellow); /* Opera 11.1 to 12.0 */  
    background: -moz-linear-gradient(red, yellow); /*Firefox 3.6 to 15 */  
    background: linear-gradient(red, yellow); /* Standard syntax */  
}
```

### Linear Gradient - Left to Right

```
#id{  
    background: -webkit-linear-gradient(left, red , yellow); /*Safari 5.1 to 6.0*/  
    background: -o-linear-gradient(right, red, yellow); /*Opera 11.1 to 12.0 */  
    background: -moz-linear-gradient(right, red, yellow); /*Firefox 3.6 to 15 */  
    background: linear-gradient(to right, red , yellow); /* Standard syntax */  
}
```

# CSS3 – Gradient Color Effect...

## ➤ Example:...

### Linear Gradient - Diagonal

```
#grad {  
background: -webkit-linear-gradient(left top, red, yellow); /*Safari 5.1 to  
6.0 */  
background: -o-linear-gradient(bottom right, red, yellow); /*Opera 11.1 to  
12.0 */  
background: -moz-linear-gradient(bottom right, red, yellow); /*Firefox  
3.6 to 15 */  
background: linear-gradient(to bottom right, red, yellow); /* Standard  
syntax */  
}
```

### CSS3 Radial Gradients...

#### Syntax...

```
background: radial-gradient(Inner Color First, Next-color, ..., last-color);
```



# CSS3 – Gradian Color Effect...

## ➤ Example:...

### Radial Gradient - Evenly Spaced Color Stops (this is default)

```
#id{  
background: -webkit-radial-gradient(red, yellow, green); /* Safari 5.1 to 6.0 */  
background: -o-radial-gradient(red, yellow, green); /* For Opera 11.6 to 12.0 */  
background: -moz-radial-gradient(red, yellow, green); /* For Firefox 3.6 to 15 */  
background: radial-gradient(red, yellow, green); /* Standard syntax */  
}
```

### Radial Gradient - Differently Spaced Color Stops

```
#id {  
background: -webkit-radial-gradient(red 5%, yellow 15%, green 60%);  
background: -o-radial-gradient(red 5%, yellow 15%, green 60%);  
background: -moz-radial-gradient(red 5%, yellow 15%, green 60%);  
background: radial-gradient(red 5%, yellow 15%, green 60%);  
}
```

# CSS3 – Shadow Effect...

- CSS3 Shadow – add shadow to text and to elements....
  - CSS3 defines two types of Shadows:...
  - Text-Shadow
  - Box-Shadow

❑ Output :  
**Text-shadow effect!**

## CSS3 Text Shadow...

### Syntax...

`text-shadow: 1px 2px 5px red, -1px -1px 1px #00FF00;`

horizontal shadow (1px) , vertical shadow (2px), Shadow Blur (5px),  
Shadow Color (Red), `-1px -1px 1px #00FF00` Second Set of Shadow.

# CSS3 – Gradian Color Effect...

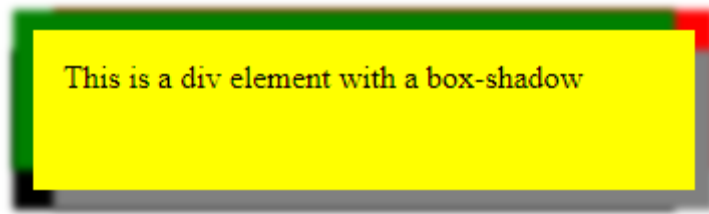
## CSS3 Box Shadow...

### Syntax...

box-shadow: 10px 10px 5px grey, -10px -10px 5px green, 10px -10px 5px red, -10px 10px 5px black;

horizontal shadow (10px) , vertical shadow (10px), Shadow Blur (5px), Shadow Color (Gray), -10px -10px 5px green Second Set of Shadow etc.

### ❑ Output :





# CSS3 – Text Effect...

- CSS3 Text – contains several new text features.....
  - CSS3 defines two types of Shadows:...

- Text-Overflow
- Word-Wrap
- Word-Break

## CSS3 Text Overflow...

### Syntax...

Text-overflow : clip | ellipsis;

Text-overflow property should be use with overflow property.

overflow: hidden;

text-overflow: ellipsis;

#### ❑ Output :

Normal overflow: Hidden

This is some long text that will

text-overflow: ellipsis:

This is some long text that ...

# CSS3 – Text Effect...

## CSS3 word-wrap...

### Syntax...

`word-wrap: break-word;`

Breaks Long words in limited area with text-wrapping effect.

## CSS3 word-Break...

### Syntax...

`word-break: keep-all | break-all;`

Breaks words in limited area.

### ❑ Output :

Keep All

This paragraph  
contains some text.  
This line will break  
at hyphens.

Break All

This paragraph contain  
some text. This line  
will break at hyphens.

A decorative blue wavy line with a gradient, flowing from the top left towards the bottom left, partially obscuring the grid background.

End Of  
Session