

# Converting Colors

Hex(00EB08)

Have a look what the booklet for  
Hex(00EB08) contains.

<b>Hex(00EB08)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(00EB08)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00EB08
RGB	0, 235, 8
RGB Percent	0%, 92%, 3%
CMY	1.0000, 0.0784, 0.9686
CMYK	1.00, 0.00, 0.97, 0.08
HSL	122°, 100%, 46%
HSV	122°, 100%, 92%
XYZ	29.7522, 59.4342, 10.1336
YIQ	138.8570, -67.1930, -120.4170

# Conversions

## Conversions Part 2

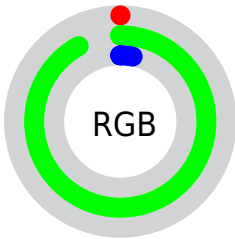
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 227, 235
Decimal	60168
CIELab	81.53, -80.89, 77.52
CIELCh	82, 112.041, 136.220
Yxy	59.4342, 0.2996, 0.5984
Android (android.graphics.Color)	4278250248 (0xFF00EB08)
YUV	138.8570, -64.5125, -121.7776
Hunter-Lab	77.0936, -66.0266, 46.1721

# Details

The Hex color **00EB08** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **EB00E3**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **72FF5A**, and **00B100** is the 20% darker color. If you saturate the color by 10%, you get **00EB08**, and if you desaturate by 10%, it is **17EB1F**.

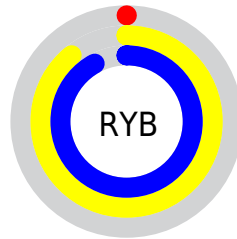
# Distribution



Red (0%)

Green (92%)

Blue (3%)



Red (0%)

Yellow (89%)

Blue (92%)

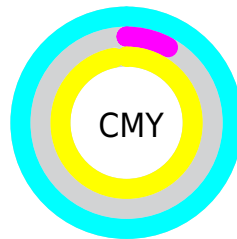


Cyan (100%)

Magenta (0%)

Yellow (97%)

Black (8%)



Cyan (100%)

Magenta (8%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00EB08 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 00EB08 by changing the saturation by 10% instead.



 00EB08

FFFFFF

 72FF5A

 95FF78

 B6FF95

 D6FFB3

 F7FFD0

 FFFFEE

 00EB08

 00CE00

 00B100

 009500

 007A00

 005F00

 004600

 002C00

 000A00

 000000

 00EB08

 17EB1F

 2FEB35

 47EB4C

 5EEB63

 76EB7A

 8DEB90

 A4EBA7

 BCEBBE

 D3EBD4

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



BFD700



00EB08



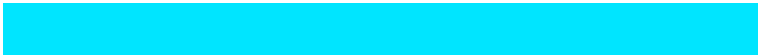
00F495

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



00EB08



00E5FF



FF3C97

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



00EB08



EB00E3

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF48FF



00EB08



00C4FF

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



00EB08



00F4FF



FF8EFF



FF7E2D

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



00EB08



00F7DF



FF8EFF



FF2FBA

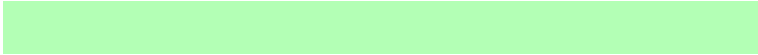


# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



00EB08



B3FFB5



E3EB00



528053



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



00EB08



00FF09



00EB7D



6A756A



00B506



003602



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



EB00E3



FF00F6



EB006E



756A75



B500AF

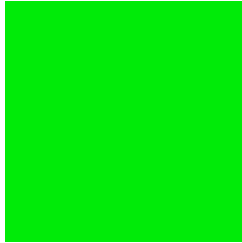


360034



# Previews

## White Background



This preview shows how the Hex color 00EB08 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 00EB08 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

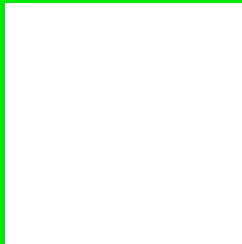
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 00EB08 Background



This preview shows how black text looks on a background with the Hex color 00EB08.

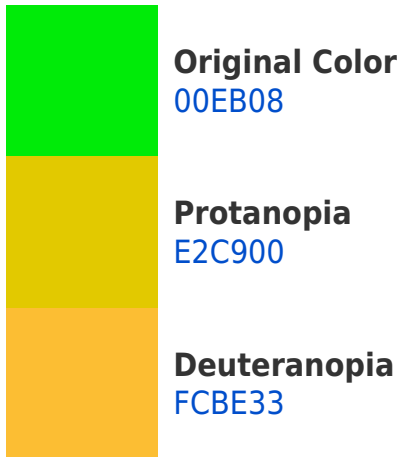


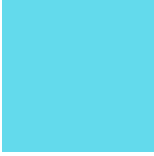
This preview shows how white text looks on a background with the Hex color 00EB08.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

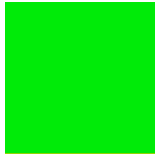
## Dichromacy





**Tritanopia**  
63DAEC

# Trichromacy



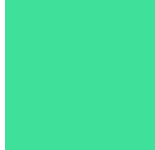
**Original Color**  
00EB08



**Protanomaly**  
90D503

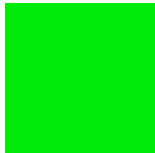


**Deuteranomaly**  
A0CE23



**Tritanomaly**  
3FE099

# Monochromacy



**Original Color**  
00EB08



**Achromatopsia**  
8B8B8B



**Achromatomaly**  
58AE5B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00EB08 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #00EB08 looks like.

```
.text, #text, p{  
    color:#00EB08  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #00EB08 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00EB08
}
```

## Border

The CSS property to change the border of an element to Hex 00EB08 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

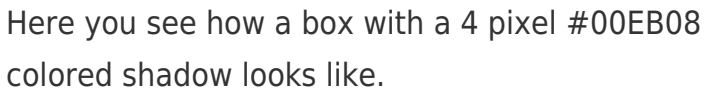
```
.border, #border, table{ border:4px solid
#00EB08 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#00EB08 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #00EB08 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00EB08; -webkit-box-shadow:4px 4px  
4px 4px #00EB08; box-shadow:4px 4px 4px  
4px #00EB08 }
```

# Background

The CSS property to change the background color of an element to Hex 00EB08 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00EB08 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#00EB08 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor