

# Converting Colors

Hex(0EC00C)

Have a look what the booklet for  
Hex(0EC00C) contains.

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**Color**

**Hex(0EC00C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0EC00C
RGB	14, 192, 12
RGB Percent	5%, 75%, 5%
CMY	0.9451, 0.2471, 0.9529
CMYK	0.93, 0.00, 0.94, 0.25
HSL	119°, 88%, 40%
HSV	119°, 94%, 75%
XYZ	19.0971, 37.8192, 6.6411
YIQ	118.2580, -48.3080, -93.7160

# Conversions

## Conversions Part 2

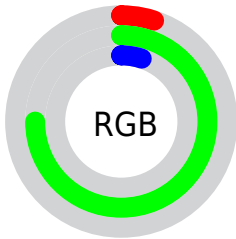
<b>Format</b>	<b>Color</b>
<b>RYB</b>	12, 192, 190
Decimal	966668
CIELab	67.89, -68.73, 65.91
CIELCh	68, 95.224, 136.202
Yxy	37.8192, 0.3005, 0.5950
Android (android.graphics.Color)	4279156748 (0xFF0EC00C)
YUV	118.2580, -52.3852, -91.4343
Hunter-Lab	61.4973, -52.1897, 36.6453

# Details

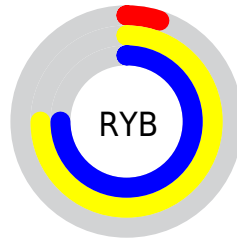
The Hex color **0EC00C** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **BE0CC0**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **68FA52**, and **008900** is the 20% darker color. If you saturate the color by 10%, you get **02C000**, and if you desaturate by 10%, it is **21C01F**.

# Distribution



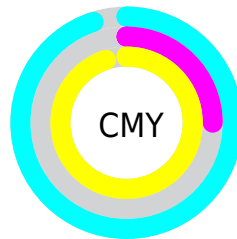
- Red (5%)
- Green (75%)
- Blue (5%)



- Red (5%)
- Yellow (75%)
- Blue (75%)



- Cyan (93%)
- Magenta (0%)
- Yellow (94%)
- Black (25%)



- Cyan (95%)
- Magenta (25%)
- Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0EC00C 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 0EC00C by changing the saturation by 10% instead.



 0EC00C

 0EC00C

FFFFFF

 00A400

 68FA52

 008900

 89FF6F

 006E00

 A8FF8B

 005400

 C7FFA7

 003C00

 E6FFC4

 002200

 FFFFE1

 000000

 0EC00C

 0EC00C

 02C000

 21C01F

 34C032

 47C046

 5AC059

 6DC06C

 80C07F

 93C092

 A6C0A6

 B9C0B9

# Harmonies

## Analogous

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



9DB000



0EC00C



00C879

# Triad

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



0EC00C



00BBFF



FF347B

# Complementary

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



0EC00C



BE00C0

# 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.



FF3DD1



0EC00C



00A0FF

# Square

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



0EC00C



00C7FF



E074FF



FF6725

# Rectangle

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



0EC00C



00CAB6



E074FF



FF2A98

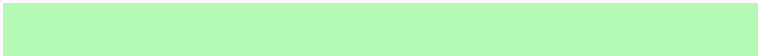


# Sweetspot

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



0EC00C



B5FAB4



C0BD0C



537D52



FCFCFC



7D7D7D



# Same Dimension

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



0EC00C



03FA00



0CC063



576157



02A100



002100



# Inverse Universe

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



BE0CC0



F700FA



C00C69



615761



9F00A1

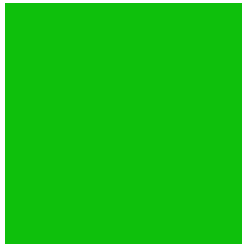


210021



# Previews

## White Background



This preview shows how the Hex color 0EC00C looks on a white background.

## Color Contrast Check

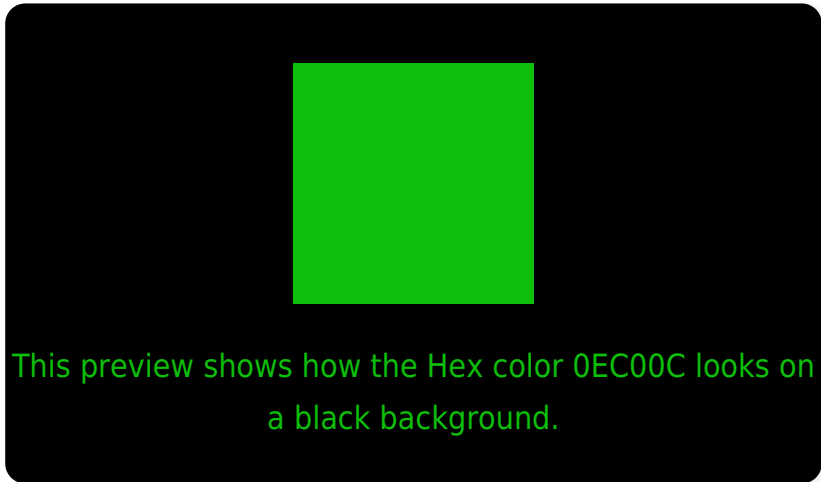
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

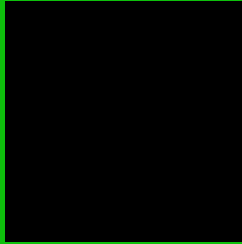
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 0EC00C Background



This preview shows how black text looks on a background with the Hex color 0EC00C.

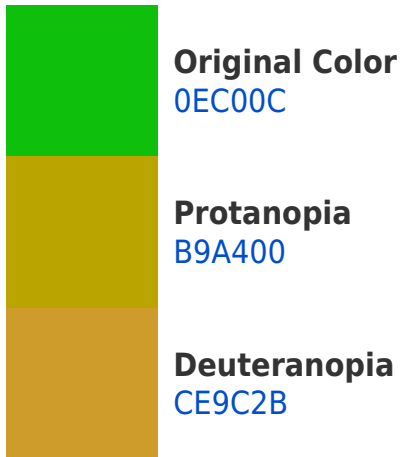


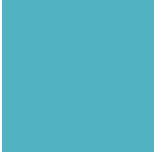
This preview shows how white text looks on a background with the Hex color 0EC00C.

# 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**  
51B2C1

# Trichromacy



**Original Color**  
0EC00C



**Protanomaly**  
7BAE04



**Deuteranomaly**  
88A920



**Tritanomaly**  
39B77F

# Monochromacy



**Original Color**  
0EC00C



**Achromatopsia**  
767676



**Achromatomaly**  
50914F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0EC00C 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 #0EC00C looks like.

```
.text, #text, p{  
    color:#0EC00C  
}
```

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 #0EC00C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0EC00C
}
```

## Border

The CSS property to change the border of an element to Hex 0EC00C 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".

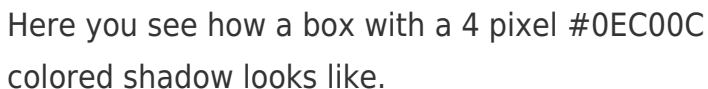
```
.border, #border, table{ border:4px solid
#0EC00C }
```

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

```
.border{ border-color:#0EC00C }
```

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

Here you see how a box with a 4 pixel #0EC00C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0EC00C; -webkit-box-shadow:4px 4px  
4px 4px #0EC00C; box-shadow:4px 4px 4px  
4px #0EC00C }
```

# Background

The CSS property to change the background color of an element to Hex 0EC00C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0EC00C }
```

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

```
.background{ background-color:#0EC00C }
```

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](#).



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