

# Converting Colors

Hex(0C57EB)

Have a look what the booklet for  
Hex(0C57EB) contains.

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# Color

**Hex(0C57EB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0C57EB
RGB	12, 87, 235
RGB Percent	5%, 34%, 92%
CMY	0.9529, 0.6588, 0.0784
CMYK	0.95, 0.63, 0.00, 0.08
HSL	220°, 90%, 48%
HSV	220°, 95%, 92%
XYZ	18.5552, 12.8927, 80.1078
YIQ	81.4470, -92.2080, 30.1280

# Conversions

## Conversions Part 2

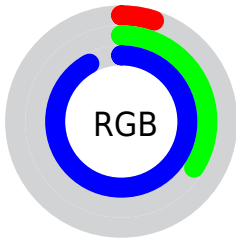
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	12, 68, 235
Decimal	808939
CIE Lab	42.60, 37.46, -79.52
CIE LCh	43, 87.899, 295.227
Yxy	12.8927, 0.1663, 0.1156
Android (android.graphics.Color)	4278999019 (0xFF0C57EB)
YUV	81.4470, 75.7016, -60.9050
Hunter-Lab	35.9064, 29.4065, -107.1425

# Details

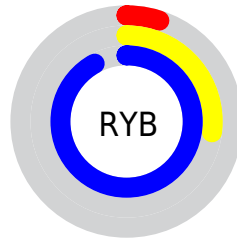
The Hex color **0C57EB** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **EBA00C**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **6F88FF**, and **002BB2** is the 20% darker color. If you saturate the color by 10%, you get **004FEB**, and if you desaturate by 10%, it is **2367EB**.

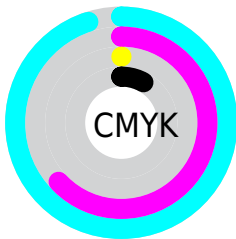
# Distribution



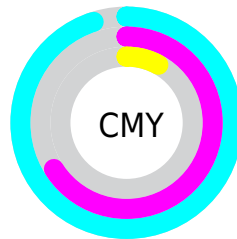
- Red (5%)
- Green (34%)
- Blue (92%)



- Red (5%)
- Yellow (27%)
- Blue (92%)



- Cyan (95%)
- Magenta (63%)
- Yellow (0%)
- Black (8%)



- Cyan (95%)
- Magenta (66%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0C57EB 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 0C57EB by changing the saturation by 10% instead.



 0C57EB

 0C57EB

FFFFFF

 0040CE

 6F88FF

 002BB2

 91A2FF

 001996

 B1BDFF

 00047C

 D1D9FF

 000B62

 F0F5FF

 000949

 000431

 00011B

 000000

■ 0C57EB

■ 0C57EB

■ 004FEB

■ 2367EB

■ 3B76EB

■ 5286EB

■ 6A95EB

■ 82A5EB

■ 99B5EB

■ B1C4EB

■ C8D4EB

■ DFE3EB

# Harmonies

## Analogous

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



0073F9



0C57EB



AC18B9

# Triad

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



0C57EB



B93600



007F56

# Complementary

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



0C57EB



EBA00C

# 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.



007B00



0C57EB



855E00

# Square

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



0C57EB



D8002D



3D7200



0081A1

# Rectangle

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



0C57EB



CF008C



3D7200



007E3C



# Sweetspot

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



0C57EB



B8D0FF



0CEB9D



546380



000000



808080



# Same Dimension

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



0C57EB



0056FF



2D0CEB



6A6E75



003DB5



001236



# Inverse Universe

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



EB0C57



FF0056



CAEB0C



756A6E



B5003D



360012



# Previews

## White Background



This preview shows how the Hex color 0C57EB looks on a white 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 × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

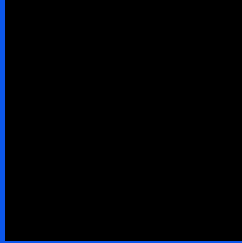
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0C57EB Background



This preview shows how black text looks on a background with the Hex color 0C57EB.



This preview shows how white text looks on a background with the Hex color 0C57EB.

# 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



**Original Color**  
0C57EB

**Protanopia**  
0060CB

**Deuteranopia**  
0067AE



**Tritanopia**  
006F75

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0C57EB 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 #0C57EB looks like.

```
.text, #text, p{  
    color:#0C57EB  
}
```

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 #0C57EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C57EB
}
```

## Border

The CSS property to change the border of an element to Hex 0C57EB 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
#0C57EB }
```

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

```
.border{ border-color:#0C57EB }
```

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

Here you see how a box with a 4 pixel #0C57EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C57EB; -webkit-box-shadow:4px 4px  
4px 4px #0C57EB; box-shadow:4px 4px 4px  
4px #0C57EB }
```

# Background

The CSS property to change the background color of an element to Hex 0C57EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C57EB }
```

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

```
.background{ background-color:#0C57EB }
```

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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