

# Converting Colors

Hex(0C6FEF)

Have a look what the booklet for  
Hex(0C6FEF) contains.

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# Color

**Hex(0C6FEF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0C6FEF
RGB	12, 111, 239
RGB Percent	5%, 44%, 94%
CMY	0.9529, 0.5647, 0.0627
CMYK	0.95, 0.54, 0.00, 0.06
HSL	214°, 90%, 49%
HSV	214°, 95%, 94%
XYZ	21.4160, 17.6790, 83.9450
YIQ	95.9910, -100.0920, 18.8200

# Conversions

## Conversions Part 2

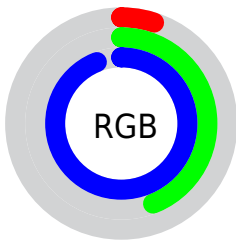
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	12, 81, 239
Decimal	815087
CIE <sub>Lab</sub>	49.10, 23.63, -71.14
CIE <sub>LCh</sub>	49, 74.963, 288.376
Yxy	17.6790, 0.1741, 0.1437
Android (android.graphics.Color)	4279005167 (0xFF0C6FEF)
YUV	95.9910, 70.5034, -73.6601
Hunter-Lab	42.0464, 17.3364, -88.9389

# Details

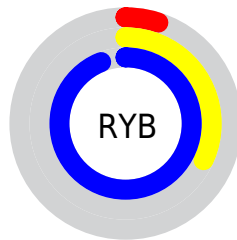
The Hex color **0C6FEF** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **EF8C0C**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **6FA2FF**, and **0041B6** is the 20% darker color. If you saturate the color by 10%, you get **0068EF**, and if you desaturate by 10%, it is **247CEF**.

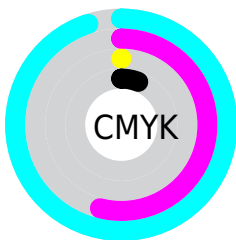
# Distribution



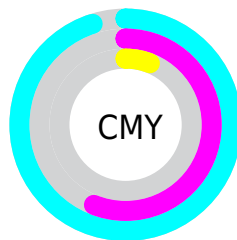
- Red (5%)
- Green (44%)
- Blue (94%)



- Red (5%)
- Yellow (32%)
- Blue (94%)



- Cyan (95%)
- Magenta (54%)
- Yellow (0%)
- Black (6%)



- Cyan (95%)
- Magenta (56%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0C6FEF 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 0C6FEF by changing the saturation by 10% instead.



 0C6FEF

 0C6FEF

FFFFFF

 0057D2

 6FA2FF

 0041B6

 90BDFF

 002C9A

 B0D8FF


 001A80

 D0F4FF

 000266

 EFFFFF

 000A4D

 000535

 00021F

 000002

■ 0C6FEF

■ 0C6FEF

■ 0068EF

■ 247CEF

■ 3C8AEF

■ 5497EF

■ 6CA5EF

■ 84B2EF

■ 9BC0EF

■ B3CDEF

■ CBDBEF

■ E3E8EF

# Harmonies

## Analogous

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



0084F3



0C6FEF



A64DCA

# Triad

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



0C6FEF



CC490F



008E59

# Complementary

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



0C6FEF



EF8C0C

# 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.



00890C



0C6FEF



A26900

# Square

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



0C6FEF



E12151



697E00



00909B

# Rectangle

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



0C6FEF



CC31A5



697E00



008D42



# Sweetspot

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



0C6FEF



B8D7FF



0CEF89



546780



000000



808080



# Same Dimension

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



0C6FEF



006FFF



170CEF



6C7178



0050B8



001838



# Inverse Universe

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



EF0C6F



FF006F



E4EF0C



786C71



B80050



380018



# Previews

## White Background



This preview shows how the Hex color 0C6FEF looks on a white background.

## Color Contrast Check

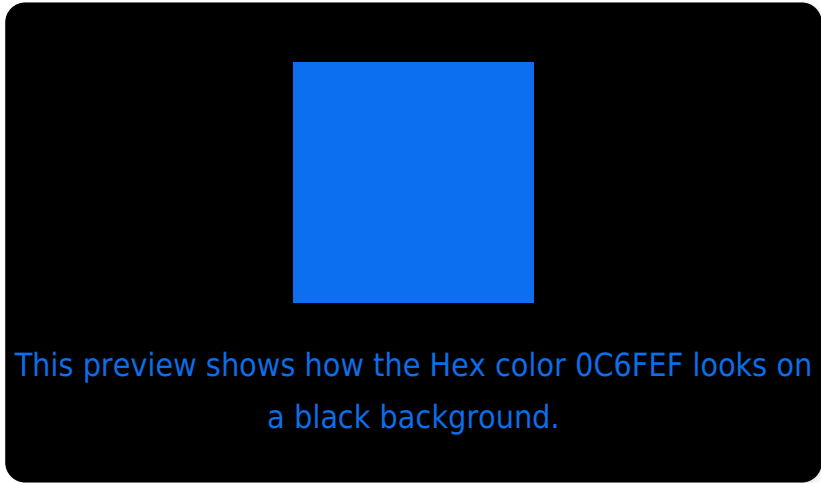
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

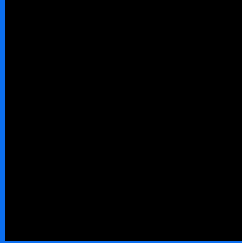
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

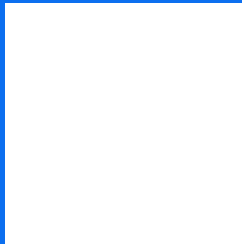
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0C6FEF Background



This preview shows how black text looks on a background with the Hex color 0C6FEF.



This preview shows how white text looks on a background with the Hex color 0C6FEF.

# 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**  
0C6FEF

**Protanopia**  
006FED

**Deuteranopia**  
0077CD



**Tritanopia**  
008189

# Trichromacy



**Original Color**  
0C6FEF

**Protanomaly**  
046FEE

**Deuteranomaly**  
0474D9

**Tritanomaly**  
047AAE

# Monochromacy



**Original Color**  
0C6FEF

**Achromatopsia**  
606060

**Achromatomaly**  
416594

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0C6FEF 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 #0C6FEF looks like.

```
.text, #text, p{  
    color:#0C6FEF  
}
```

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 #0C6FEF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C6FEF
}
```

## Border

The CSS property to change the border of an element to Hex 0C6FEF 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
#0C6FEF }
```

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

```
.border{ border-color:#0C6FEF }
```

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

Here you see how a box with a 4 pixel #0C6FEF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C6FEF; -webkit-box-shadow:4px 4px  
4px 4px #0C6FEF; box-shadow:4px 4px 4px  
4px #0C6FEF }
```

# Background

The CSS property to change the background color of an element to Hex 0C6FEF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C6FEF }
```

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

```
.background{ background-color:#0C6FEF }
```

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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