

Converting Colors

Hex(0C06F9)

Have a look what the booklet for
Hex(0C06F9) contains.

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Color

Hex(0C06F9)

Conversions

Conversions Part 1

Format	Color
Hex	0C06F9
RGB	12, 6, 249
RGB Percent	5%, 2%, 98%
CMY	0.9529, 0.9765, 0.0235
CMYK	0.95, 0.98, 0.00, 0.02
HSL	241°, 95%, 50%
HSV	241°, 98%, 98%
XYZ	17.3156, 7.0480, 90.0703
YIQ	35.4960, -74.4270, 76.8450

Conversions

Conversions Part 2

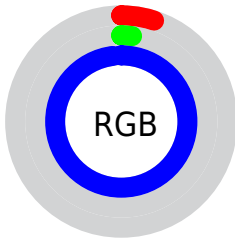
Format	Color
RYB	12, 6, 249
Decimal	788217
CIELab	31.92, 76.91, -105.13
CIELCh	32, 130.262, 306.188
Yxy	7.0480, 0.1513, 0.0616
Android (android.graphics.Color)	4278978297 (0xFF0C06F9)
YUV	35.4960, 105.2575, -20.6060
Hunter-Lab	26.5480, 69.9655, -182.5715

Details

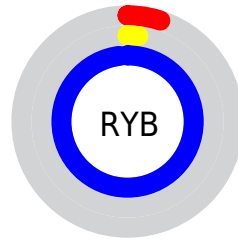
The Hex color **0C06F9** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **F3F906**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **7949FF**, and **0000BF** is the 20% darker color. If you saturate the color by 10%, you get **0600F9**, and if you desaturate by 10%, it is **241FF9**.

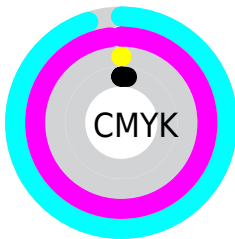
Distribution



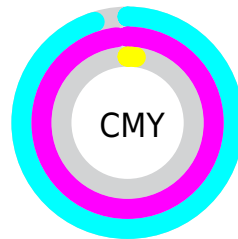
- Red (5%)
- Green (2%)
- Blue (98%)



- Red (5%)
- Yellow (2%)
- Blue (98%)



- Cyan (95%)
- Magenta (98%)
- Yellow (0%)
- Black (2%)



- Cyan (95%)
- Magenta (98%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C06F9 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 0C06F9 by changing the saturation by 10% instead.

 0C06F9

 0C06F9

FFFFFF

 0000DB

 7949FF

 0000BF

 9D64FF

 0000A2

 BE80FF

 000087

 DF9BFF

 00126C

 FFB7FF

 000B53

 FFD4FF

 00063B

 FFF1FF

 000224

 00000C

■ 0C06F9

■ 0C06F9

■ 0600F9

■ 241FF9

■ 3D38F9

■ 5551F9

■ 6D6AF9

■ 8583F9

■ 9E9BF9

■ B6B4F9

■ CECDF9

■ E7E6F9

Harmonies

Analogous

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



005CFF



0C06F9



C800A1

Triad

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



0C06F9



990D00



00675F

Complementary

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



0C06F9



F3F906

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.



006400



0C06F9



495000

Square

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



0C06F9



D10000



006000



006BC7

Rectangle

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



0C06F9



E4005E



006000



00663B

Sweetspot

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



0C06F9



B7B5FF



06F5F9



545380



000000



808080

Same Dimension

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



0C06F9



0600FF



8406F9



71707D



0500BD



02003D

Inverse Universe

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



F906F3



FF00F9



7BF906



7D707D



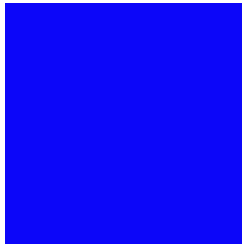
BD00B8



3D003C

Previews

White Background



This preview shows how the Hex color 0C06F9 looks on a white background.

Color Contrast Check

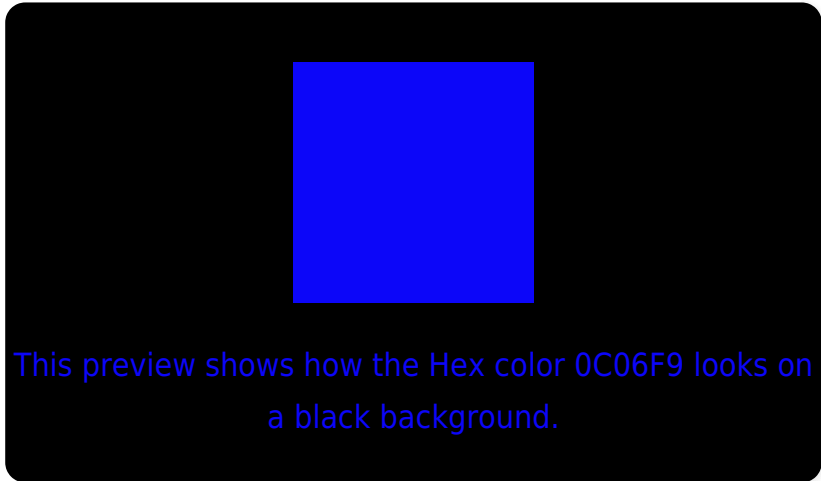
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

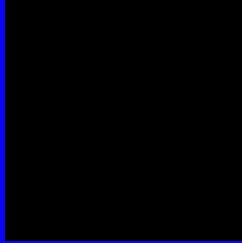
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 0C06F9 Background



This preview shows how black text looks on a background with the Hex color 0C06F9.



This preview shows how white text looks on a background with the Hex color 0C06F9.

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
0C06F9

Protanopia
004999

Deuteranopia
004E81

Trichromacy



Original Color
0C06F9

Protanomaly
0431BC

Deuteranomaly
0434AD

Tritanomaly
043893

Monochromacy



Original Color
0C06F9

Achromatopsia
232323

Achromatomaly
1B1871

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C06F9 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 #0C06F9 looks like.

```
.text, #text, p{  
    color:#0C06F9  
}
```

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 #0C06F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C06F9
}
```

Border

The CSS property to change the border of an element to Hex 0C06F9 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
#0C06F9 }
```

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

```
.border{ border-color:#0C06F9 }
```

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

Here you see how a box with a 4 pixel #0C06F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C06F9; -webkit-box-shadow:4px 4px  
4px 4px #0C06F9; box-shadow:4px 4px 4px  
4px #0C06F9 }
```

Background

The CSS property to change the background color of an element to Hex 0C06F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C06F9 }
```

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

```
.background{ background-color:#0C06F9 }
```

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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