

Converting Colors

Hex(0C2FC0)

Have a look what the booklet for
Hex(0C2FC0) contains.

Hex(0C2FC0)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0C2FC0)

Conversions

Conversions Part 1

Format	Color
Hex	0C2FC0
RGB	12, 47, 192
RGB Percent	5%, 18%, 75%
CMY	0.9529, 0.8157, 0.2471
CMYK	0.94, 0.76, 0.00, 0.25
HSL	228°, 88%, 40%
HSV	228°, 94%, 75%
XYZ	10.6826, 5.9170, 50.4482
YIQ	53.0650, -67.4050, 37.6750

Conversions

Conversions Part 2

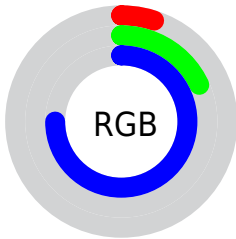
Format	Color
R_{YB}	12, 41, 192
Decimal	798656
CIE _{Lab}	29.20, 46.46, -76.83
CIE _{LCh}	29, 89.781, 301.163
Yxy	5.9170, 0.1593, 0.0882
Android (android.graphics.Color)	4278988736 (0xFF0C2FC0)
YUV	53.0650, 68.4950, -36.0140
Hunter-Lab	24.3248, 35.8222, -105.9366

Details

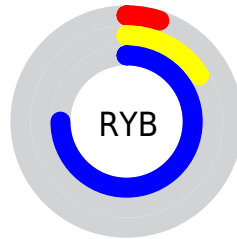
The Hex color **0C2FC0** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **C09D0C**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **665EFA**, and **000589** is the 20% darker color. If you saturate the color by 10%, you get **0025C0**, and if you desaturate by 10%, it is **1F3EC0**.

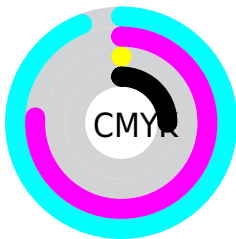
Distribution



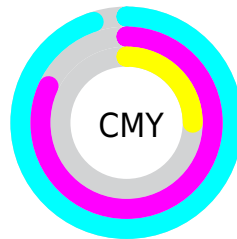
- Red (5%)
- Green (18%)
- Blue (75%)



- Red (5%)
- Yellow (16%)
- Blue (75%)



- Cyan (94%)
- Magenta (76%)
- Yellow (0%)
- Black (25%)



- Cyan (95%)
- Magenta (82%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C2FC0 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 0C2FC0 by changing the saturation by 10% instead.

■ 0C2FC0

■ 0C2FC0

FFFFFF

■ 0019A4

■ 665EFA

■ 000589

■ 8677FF

■ 00006F

■ A591FF

■ 000C55

■ C4ACFF

■ 00063D

■ E2C8FF

■ 000326

■ FFE4FF

■ 00010F

■ 000000

■ 0C2FC0

■ 0C2FC0

■ 0025C0

■ 1F3EC0

■ 324EC0

■ 465DC0

■ 596DC0

■ 6C7CC0

■ 7F8CC0

■ 929BC0

■ A6ABC0

■ B9BAC0

Harmonies

Analogous

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



0051D6



0C2FC0



93008A

Triad

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



0C2FC0



871C00



005B46

Complementary

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



002FC0



C09D0C

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.



005900



0C2FC0



534400

Square

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



0C2FC0



AA0000



005300



005D8D

Rectangle

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



0C2FC0



AD005D



005300



005B2D

Sweetspot

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



0C2FC0



B4C2FA



0CC09C



525B7D



FCFCFC



7D7D7D

Same Dimension

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



0C2FC0



0031FA



420CC0



575961



001FA1



000621

Inverse Universe

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



C00C2F



FA0031



8AC00C



615759



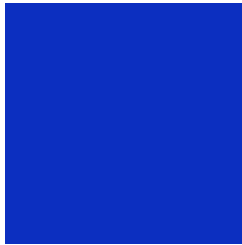
A1001F



210006

Previews

White Background



This preview shows how the Hex color 0C2FC0 looks on a white background.

Color Contrast Check

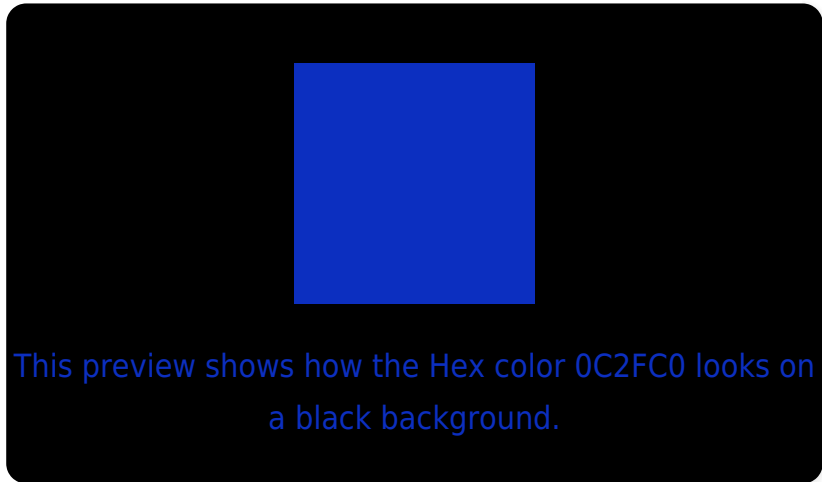
Large Text (above 18pt) WCAG AA ✓ Pass

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

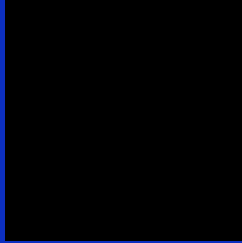
Any Text WCAG AA × Fail

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 0C2FC0 Background



This preview shows how black text looks on a background with the Hex color 0C2FC0.



This preview shows how white text looks on a background with the Hex color 0C2FC0.

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
0C2FC0

Protanopia
00428C

Deuteranopia
004777



Tritanopia
004C50

Trichromacy



Original Color
0C2FC0

Protanomaly
043B9F

Deuteranomaly
043E92

Tritanomaly
044179

Monochromacy



Original Color
0C2FC0

Achromatopsia
353535

Achromatomaly
263368

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C2FC0 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 #0C2FC0 looks like.

```
.text, #text, p{  
    color:#0C2FC0  
}
```

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 #0C2FC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C2FC0
}
```

Border

The CSS property to change the border of an element to Hex 0C2FC0 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
#0C2FC0 }
```

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

```
.border{ border-color:#0C2FC0 }
```

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

Here you see how a box with a 4 pixel #0C2FC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C2FC0; -webkit-box-shadow:4px 4px  
4px 4px #0C2FC0; box-shadow:4px 4px 4px  
4px #0C2FC0 }
```

Background

The CSS property to change the background color of an element to Hex 0C2FC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C2FC0 }
```

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

```
.background{ background-color:#0C2FC0 }
```

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