

Converting Colors

Hex(0C56CF)

Have a look what the booklet for
Hex(0C56CF) contains.

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Color

Hex(0C56CF)

Conversions

Conversions Part 1

Format	Color
Hex	0C56CF
RGB	12, 86, 207
RGB Percent	5%, 34%, 81%
CMY	0.9529, 0.6627, 0.1882
CMYK	0.94, 0.58, 0.00, 0.19
HSL	217°, 89%, 43%
HSV	217°, 94%, 81%
XYZ	14.7419, 11.2387, 60.4238
YIQ	77.6680, -82.9450, 21.9430

Conversions

Conversions Part 2

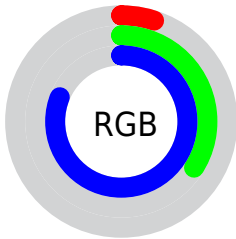
Format	Color
R _Y B	12, 66, 207
Decimal	808655
CIE Lab	39.98, 27.35, -67.84
CIE LCh	40, 73.143, 291.959
Yxy	11.2387, 0.1706, 0.1301
Android (android.graphics.Color)	4278998735 (0xFF0C56CF)
YUV	77.6680, 63.7607, -57.5908
Hunter-Lab	33.5242, 19.8259, -83.3969

Details

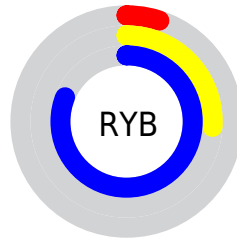
The Hex color **0C56CF** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **CF850C**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **6787FF**, and **002A97** is the 20% darker color. If you saturate the color by 10%, you get **004FCF**, and if you desaturate by 10%, it is **2163CF**.

Distribution



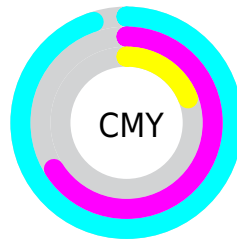
- Red (5%)
- Green (34%)
- Blue (81%)



- Red (5%)
- Yellow (26%)
- Blue (81%)



- Cyan (94%)
- Magenta (58%)
- Yellow (0%)
- Black (19%)



- Cyan (95%)
- Magenta (66%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C56CF 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 0C56CF by changing the saturation by 10% instead.

 0C56CF

 0C56CF

FFFFFF

 003FB3

 6787FF

 002A97

 87A1FF

 00187D

 A6BCFF

 000063

 C5D8FF

 00094A

 E4F4FF

 000433

 00021D

 000000

 0C56CF

 0C56CF

004CF

2163CF

3570CF

4A7DCF

5F89CF

7496CF

88A3CF

9DB0CF

B2BDCF

C6CACF

Harmonies

Analogous

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



006BD6



0C56CF



9330A9

Triad

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



0C56CF



AA3700



00754C

Complementary

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



0C56CF



CF850C

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.



007100



0C56CF



815600

Square

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



0C56CF



C10036



4A6800



00778A

Rectangle

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



0C56CF



B30085



4A6800



007436

Sweetspot

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



0C56CF



B8D3FF



0CCF84



546580



000000



808080

Same Dimension

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



0C56CF



0061FF



230CCF



5E6269



0040A8



000F29

Inverse Universe

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



CF0C56



FF0061



B8CF0C



695E62



A80040



29000F

Previews

White Background



This preview shows how the Hex color 0C56CF looks on a white background.

Color Contrast Check

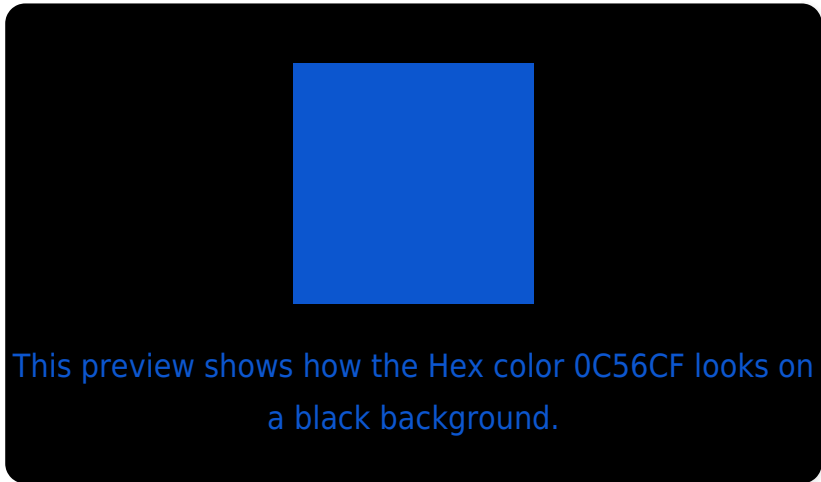
Large Text (above 18pt) WCAG AA ✓ Pass

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

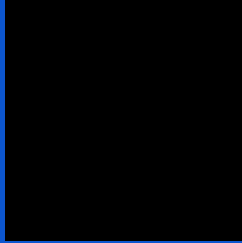
Any Text WCAG AA × Fail

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 0C56CF Background



This preview shows how black text looks on a background with the Hex color 0C56CF.



This preview shows how white text looks on a background with the Hex color 0C56CF.

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
0C56CF

Protanopia
005AC0

Deuteranopia
0060A4



Tritanopia
00686E

Trichromacy



Original Color
0C56CF

Protanomaly
0459C5

Deuteranomaly
045CB4

Tritanomaly
046191

Monochromacy



Original Color
0C56CF

Achromatopsia
4E4E4E

Achromatomaly
36517D

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C56CF 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 #0C56CF looks like.

```
.text, #text, p{  
    color:#0C56CF  
}
```

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 #0C56CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C56CF
}
```

Border

The CSS property to change the border of an element to Hex 0C56CF 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
#0C56CF }
```

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

```
.border{ border-color:#0C56CF }
```

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

Here you see how a box with a 4 pixel #0C56CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C56CF; -webkit-box-shadow:4px 4px  
4px 4px #0C56CF; box-shadow:4px 4px 4px  
4px #0C56CF }
```

Background

The CSS property to change the background color of an element to Hex 0C56CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C56CF }
```

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

```
.background{ background-color:#0C56CF }
```

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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