

Converting Colors

Hex(0C51C2)

Have a look what the booklet for
Hex(0C51C2) contains.

Hex(0C51C2)	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>	28

Color

Hex(0C51C2)

Conversions

Conversions Part 1

Format	Color
Hex	0C51C2
RGB	12, 81, 194
RGB Percent	5%, 32%, 76%
CMY	0.9529, 0.6824, 0.2392
CMYK	0.94, 0.58, 0.00, 0.24
HSL	217°, 88%, 40%
HSV	217°, 94%, 76%
XYZ	12.8317, 9.8581, 52.2654
YIQ	73.2510, -77.3970, 20.5150

Conversions

Conversions Part 2

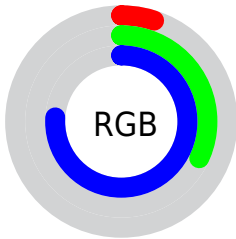
Format	Color
RYB	12, 62, 194
Decimal	807362
CIELab	37.59, 25.52, -64.21
CIELCh	38, 69.092, 291.678
Yxy	9.8581, 0.1712, 0.1315
Android (android.graphics.Color)	4278997442 (0xFF0C51C2)
YUV	73.2510, 59.5293, -53.7171
Hunter-Lab	31.3976, 18.0042, -76.7179

Details

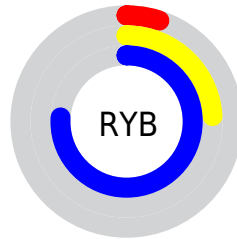
The Hex color **0C51C2** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **C27D0C**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **6382FB**, and **00268B** is the 20% darker color. If you saturate the color by 10%, you get **004AC2**, and if you desaturate by 10%, it is **1F5DC2**.

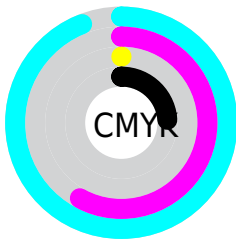
Distribution



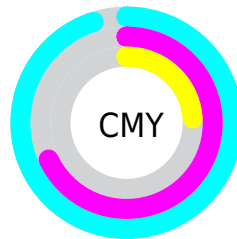
- Red (5%)
- Green (32%)
- Blue (76%)



- Red (5%)
- Yellow (24%)
- Blue (76%)



- Cyan (94%)
- Magenta (58%)
- Yellow (0%)
- Black (24%)



- Cyan (95%)
- Magenta (68%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C51C2 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 0C51C2 by changing the saturation by 10% instead.

■ 0C51C2

■ 0C51C2

FFFFFF

■ 003BA6

■ 6382FB

■ 00268B

■ 839BFF

■ 001471

■ A1B6FF

■ 000158

■ C0D2FF

■ 00063F

■ DEEEFF

■ 000328

FDFFFF

■ 000112

■ 000000

■ 0C51C2

■ 0C51C2

■ 004AC2

■ 1F5DC2

■ 3369C2

■ 4675C2

■ 5A81C2

■ 6D8DC2

■ 8099C2

■ 94A5C2

■ A7B1C2

■ BBBDC2

Harmonies

Analogous

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



0065C9



0C51C2



892F9F

Triad

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



0C51C2



A03400



006E47

Complementary

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



0C51C2



C27D0C

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.



006A00



0C51C2



7A5100

Square

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



0C51C2



B50034



466200



006F81

Rectangle

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



0C51C2



A8047D



466200



006D33

Sweetspot

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



0C51C2



B6D1FC



0CC27C



546580



000000



808080

Same Dimension

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



0C51C2



0060FC



210CC2



575B61



003DA1



000D21

Inverse Universe

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



C20C51



FC0060



ADC20C



61575B



A1003D



21000D

Previews

White Background



This preview shows how the Hex color 0C51C2 looks on a white background.

Color Contrast Check

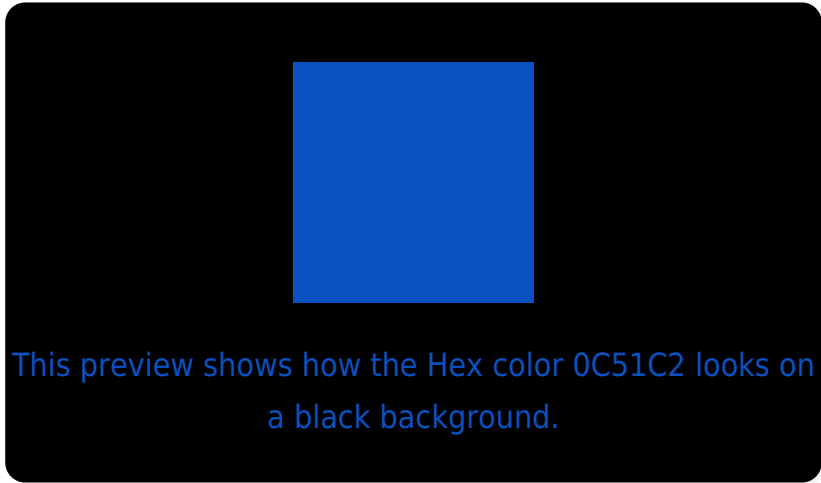
Large Text (above 18pt) WCAG AA ✓ Pass

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

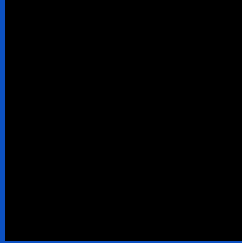
Any Text WCAG AA × Fail

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 0C51C2 Background



This preview shows how black text looks on a background with the Hex color 0C51C2.



This preview shows how white text looks on a background with the Hex color 0C51C2.

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
0C51C2

Protanopia
0055B4

Deuteranopia
005A9B

Trichromacy



Original Color
0C51C2

Protanomaly
0454B9

Deuteranomaly
0457A9

Monochromacy



Original Color
0C51C2

Achromatopsia
494949

Achromatomaly
334C75

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C51C2 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 #0C51C2 looks like.

```
.text, #text, p{  
    color:#0C51C2  
}
```

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 #0C51C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C51C2
}
```

Border

The CSS property to change the border of an element to Hex 0C51C2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

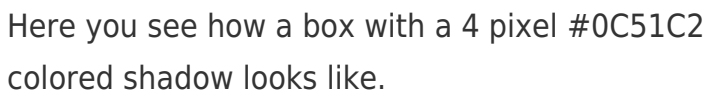
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0C51C2 }
```

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

```
.border{ border-color:#0C51C2 }
```

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



Here you see how a box with a 4 pixel #0C51C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C51C2; -webkit-box-shadow:4px 4px  
4px 4px #0C51C2; box-shadow:4px 4px 4px  
4px #0C51C2 }
```

Background

The CSS property to change the background color of an element to Hex 0C51C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C51C2 }
```

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

```
.background{ background-color:#0C51C2 }
```

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