

# Converting Colors

Hex(0B5FCB)

Have a look what the booklet for  
Hex(0B5FCB) contains.

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# Color

**Hex(0B5FCB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0B5FCB
RGB	11, 95, 203
RGB Percent	4%, 37%, 80%
CMY	0.9569, 0.6275, 0.2039
CMYK	0.95, 0.53, 0.00, 0.20
HSL	214°, 90%, 42%
HSV	214°, 95%, 80%
XYZ	15.0097, 12.5674, 58.1346
YIQ	82.1960, -84.7320, 15.7800

# Conversions

## Conversions Part 2

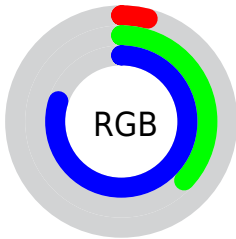
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	11, 69, 203
Decimal	745419
CIE <sub>Lab</sub>	42.10, 19.81, -62.07
CIE <sub>LCh</sub>	42, 65.157, 287.701
Yxy	12.5674, 0.1751, 0.1466
Android (android.graphics.Color)	4278935499 (0xFF0B5FCB)
YUV	82.1960, 59.5564, -62.4389
Hunter-Lab	35.4505, 13.5385, -72.4132

# Details

The Hex color **0B5FCB** 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 **CB770B**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **6591FF**, and **003294** is the 20% darker color. If you saturate the color by 10%, you get **0059CB**, and if you desaturate by 10%, it is **1F6ACB**.

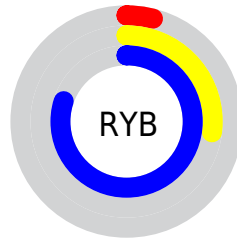
# Distribution



Red (4%)

Green (37%)

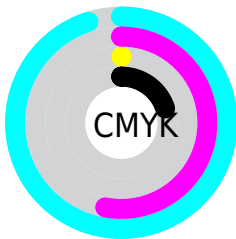
Blue (80%)



Red (4%)

Yellow (27%)

Blue (80%)

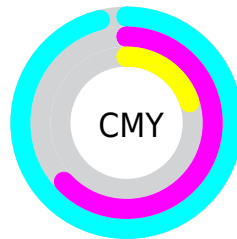


Cyan (95%)

Magenta (53%)

Yellow (0%)

Black (20%)



Cyan (96%)

Magenta (63%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0B5FCB 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 0B5FCB by changing the saturation by 10% instead.



 0B5FCB

 0B5FCB

FFFFFF

 0048AF

 6591FF

 003294

 85ABFF

 001F79

 A4C6FF

 000760

 C2E2FF

 000847

 E1FFFF

 000430

 00011A

 000000

 0B5FCB

 0B5FCB

■ 0059CB

■ 1F6ACB

■ 3476CB

■ 4881CB

■ 5C8DCB

■ 7098CB

■ 85A4CB

■ 99AFCB

■ ADBACB

■ C2C6CB

# Harmonies

## Analogous

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



0070CD



0B5FCB



8C43AD

# Triad

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



0B5FCB



AE3E10



00794B

# Complementary

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



0B5FCB



CB770B

# 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.



00740C



0B5FCB



8B5900

# Square

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



0B5FCB



BF1F46



5B6B00



007A83

# Rectangle

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



0B5FCB



AC2C8D



5B6B00



007838



# Sweetspot

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



0B5FCB



B8D7FF



0BCB75



546780



000000



808080



# Same Dimension

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



0B5FCB



0070FF



150BCB



5C6066



0049A6



001126



# Inverse Universe

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



CB0B5F



FF0070



C1CB0B



665C60



A60049



260011



# Previews

## White Background



This preview shows how the Hex color 0B5FCB looks on a white background.

## Color Contrast Check

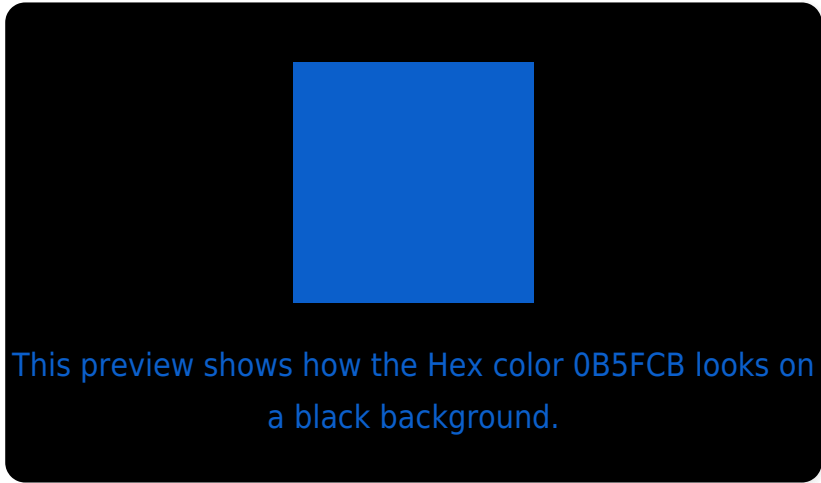
Large Text (above 18pt) WCAG AA ✓ Pass

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

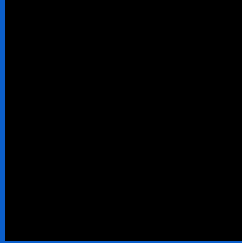
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0B5FCB Background



This preview shows how black text looks on a background with the Hex color 0B5FCB.



This preview shows how white text looks on a background with the Hex color 0B5FCB.

# 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**  
0B5FCB

**Protanopia**  
005FCB

**Deuteranopia**  
0065AF

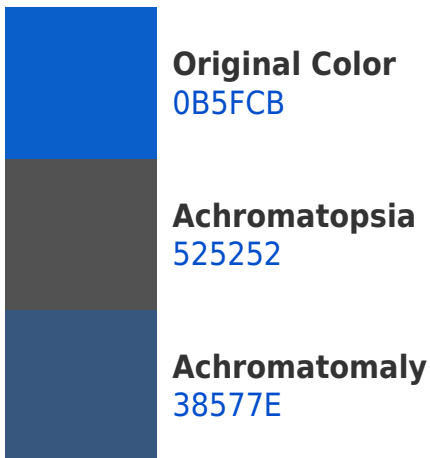


**Tritanopia**  
006E75

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0B5FCB 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 #0B5FCB looks like.

```
.text, #text, p{  
    color:#0B5FCB  
}
```

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 #0B5FCB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B5FCB
}
```

## Border

The CSS property to change the border of an element to Hex 0B5FCB 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
#0B5FCB }
```

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

```
.border{ border-color:#0B5FCB }
```

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

Here you see how a box with a 4 pixel #0B5FCB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B5FCB; -webkit-box-shadow:4px 4px  
4px 4px #0B5FCB; box-shadow:4px 4px 4px  
4px #0B5FCB }
```

# Background

The CSS property to change the background color of an element to Hex 0B5FCB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B5FCB }
```

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

```
.background{ background-color:#0B5FCB }
```

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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