

Converting Colors

Hex(0B6FBF)

Have a look what the booklet for
Hex(0B6FBF) contains.

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Color

Hex(0B6FBF)

Conversions

Conversions Part 1

Format	Color
Hex	0B6FBF
RGB	11, 111, 191
RGB Percent	4%, 44%, 75%
CMY	0.9569, 0.5647, 0.2510
CMYK	0.94, 0.42, 0.00, 0.25
HSL	207°, 89%, 40%
HSV	207°, 94%, 75%
XYZ	15.2264, 15.2016, 51.4219
YIQ	90.2200, -85.2800, 3.6800

Conversions

Conversions Part 2

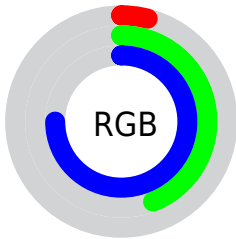
Format	Color
RYB	11, 75, 191
Decimal	749503
CIELab	45.91, 4.70, -49.01
CIElCh	46, 49.235, 275.483
Yxy	15.2016, 0.1860, 0.1857
Android (android.graphics.Color)	4278939583 (0xFF0B6FBF)
YUV	90.2200, 49.6845, -69.4759
Hunter-Lab	38.9892, 1.4782, -50.9036

Details

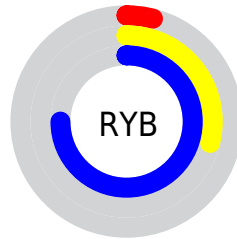
The Hex color **0B6FBF** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **BF5B0B**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **61A2F8**, and **004089** is the 20% darker color. If you saturate the color by 10%, you get **006ABF**, and if you desaturate by 10%, it is **1E77BF**.

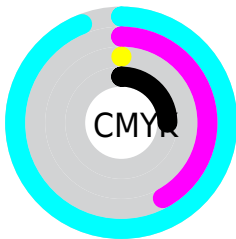
Distribution



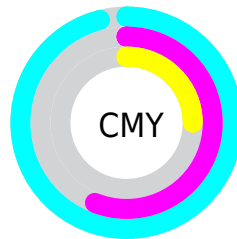
- Red (4%)
- Green (44%)
- Blue (75%)



- Red (4%)
- Yellow (29%)
- Blue (75%)



- Cyan (94%)
- Magenta (42%)
- Yellow (0%)
- Black (25%)



- Cyan (96%)
- Magenta (56%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B6FBF 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 0B6FBF by changing the saturation by 10% instead.

0B6FBF

0B6FBF

FFFFFF

0057A4

61A2F8

004089

80BDFF

002B6F

9ED9FF

001756

BCF5FF

00063E

DBFFFF

000327

F9FFFF

000111

000000

0B6FBF

0B6FBF

■ 006ABF

■ 1E77BF

■ 3180BF

■ 4488BF

■ 5791BF

■ 6A99BF

■ 7EA2BF

■ 91AABF

■ A4B3BF

■ B7BBBF

Harmonies

Analogous

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



007AB7



0B6FBF



785EB0

Triad

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



0B6FBF



B24D3F



007E49

Complementary

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



0B6FBF



BF5B0B

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.



507824



0B6FBF



9C5E1E

Square

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



0B6FBF



B74567



7B6D0E



008073

Rectangle

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



0B6FBF



99529C



7B6D0E



257C3B

Sweetspot

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



0B6FBF



B2D9F7



0BBF59



526A7D



FCFCFC



7D7D7D

Same Dimension

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



0B6FBF



0089F7



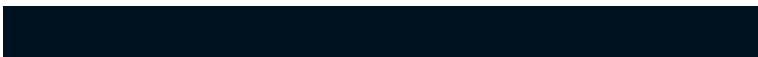
0B17BF



555A5E



00589E



00111F

Inverse Universe

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



BF0B6F



F70089



BFB30B



5E555A



9E0058



1F0011

Previews

White Background



This preview shows how the Hex color 0B6FBF looks on a white background.

Color Contrast Check

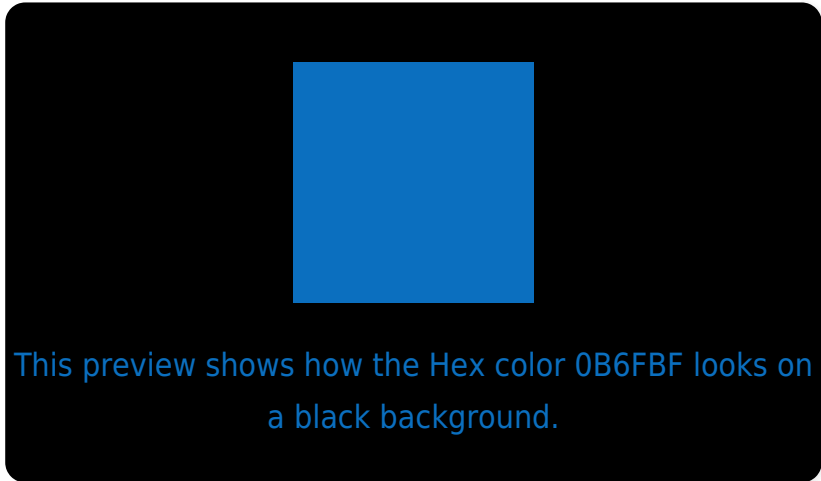
Large Text (above 18pt) WCAG AA ✓ Pass

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

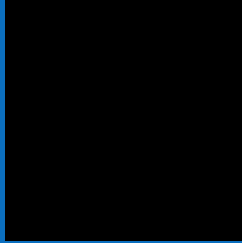
Any Text WCAG AA × Fail

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 0B6FBF Background



This preview shows how black text looks on a background with the Hex color 0B6FBF.

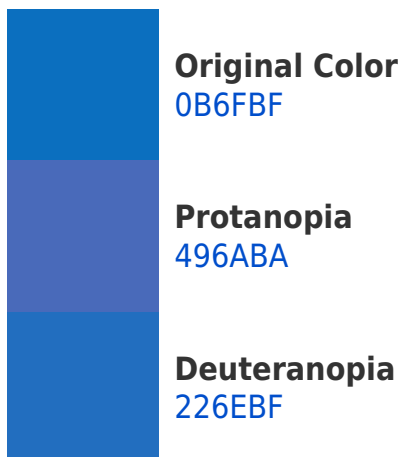


This preview shows how white text looks on a background with the Hex color 0B6FBF.

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





Tritanopia
007881

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0B6FBF 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 #0B6FBF looks like.

```
.text, #text, p{  
    color:#0B6FBF  
}
```

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 #0B6FBF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B6FBF
}
```

Border

The CSS property to change the border of an element to Hex 0B6FBF 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
#0B6FBF }
```

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

```
.border{ border-color:#0B6FBF }
```

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

Here you see how a box with a 4 pixel #0B6FBF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B6FBF; -webkit-box-shadow:4px 4px  
4px 4px #0B6FBF; box-shadow:4px 4px 4px  
4px #0B6FBF }
```

Background

The CSS property to change the background color of an element to Hex 0B6FBF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B6FBF }
```

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

```
.background{ background-color:#0B6FBF }
```

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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