

# Converting Colors

Hex(0B57F4)

Have a look what the booklet for  
Hex(0B57F4) contains.

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# Color

**Hex(0B57F4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0B57F4
RGB	11, 87, 244
RGB Percent	4%, 34%, 96%
CMY	0.9569, 0.6588, 0.0431
CMYK	0.95, 0.64, 0.00, 0.04
HSL	220°, 91%, 50%
HSV	220°, 95%, 96%
XYZ	19.8753, 13.4192, 87.1306
YIQ	82.1740, -95.6930, 32.7150

# Conversions

## Conversions Part 2

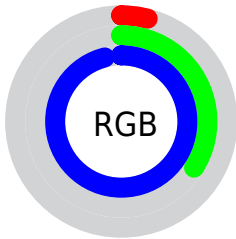
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	11, 68, 244
Decimal	743412
CIE <sub>Lab</sub>	43.39, 40.79, -83.29
CIE <sub>LCh</sub>	43, 92.740, 296.095
Yxy	13.4192, 0.1650, 0.1114
Android (android.graphics.Color)	4278933492 (0xFF0B57F4)
YUV	82.1740, 79.7802, -62.4196
Hunter-Lab	36.6322, 32.7414, -115.3801

# Details

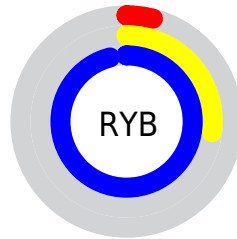
The Hex color **0B57F4** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark saturated blue. A complement of this color would be **F4A80B**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **7288FF**, and **002BBA** is the 20% darker color. If you saturate the color by 10%, you get **0050F4**, and if you desaturate by 10%, it is **2367F4**.

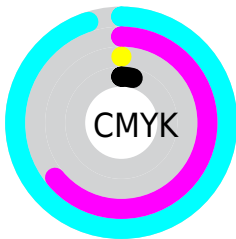
# Distribution



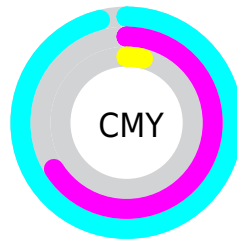
- Red (4%)
- Green (34%)
- Blue (96%)



- Red (4%)
- Yellow (27%)
- Blue (96%)



- Cyan (95%)
- Magenta (64%)
- Yellow (0%)
- Black (4%)



- Cyan (96%)
- Magenta (66%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0B57F4 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 0B57F4 by changing the saturation by 10% instead.



 0B57F4

 0B57F4

FFFFFF

 0040D7

 7288FF

 002BBA

 94A3FF

 00199F

 B4BEFF

 000683

 D4D9FF

 000969

 F4F6FF

 000A50

 000538

 000222

 000007

■ 0B57F4

■ 0B57F4

■ 0050F4

■ 2367F4

■ 3C78F4

■ 5488F4

■ 6D99F4

■ 85A9F4

■ 9DBAF4

■ B6CAF4

■ CEDBF4

■ E7EBF4

# Harmonies

## Analogous

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



0075FF



0B57F4



B402BE

# Triad

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



0B57F4



BD3600



00825A

# Complementary

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



0B57F4



F4A80B

# 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.



007E00



0B57F4



866100

# Square

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



0B57F4



DF002A



387500



0084A9

# Rectangle

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



0B57F4



D7008E



387500



00813E



# Sweetspot

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



0B57F4



B5CDFF



0BF4A6



536180



000000



808080



# Same Dimension

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



0B57F4



0053FF



320BF4



6E727A



003DBA



00133B



# Inverse Universe

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



F40B57



FF0053



CDF40B



7A6E72



BA003D



3B0013



# Previews

## White Background



This preview shows how the Hex color 0B57F4 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



This preview shows how the Hex color 0B57F4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

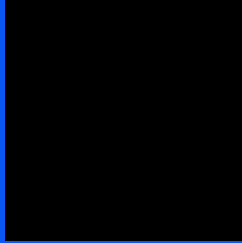
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0B57F4 Background



This preview shows how black text looks on a background with the Hex color 0B57F4.



This preview shows how white text looks on a background with the Hex color 0B57F4.

# 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**  
0B57F4

**Protanopia**  
0062CF

**Deuteranopia**  
0069B1



# Trichromacy



**Original Color**  
0B57F4

**Protanomaly**  
045EDC

**Deuteranomaly**  
0462C9

**Tritanomaly**  
0468A4

# Monochromacy



**Original Color**  
0B57F4

**Achromatopsia**  
525252

**Achromatomaly**  
38548D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0B57F4 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 #0B57F4 looks like.

```
.text, #text, p{  
    color:#0B57F4  
}
```

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 #0B57F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B57F4
}
```

## Border

The CSS property to change the border of an element to Hex 0B57F4 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
#0B57F4 }
```

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

```
.border{ border-color:#0B57F4 }
```

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

Here you see how a box with a 4 pixel #0B57F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B57F4; -webkit-box-shadow:4px 4px  
4px 4px #0B57F4; box-shadow:4px 4px 4px  
4px #0B57F4 }
```

# Background

The CSS property to change the background color of an element to Hex 0B57F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B57F4 }
```

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

```
.background{ background-color:#0B57F4 }
```

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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