

Converting Colors

Hex(0745F0)

Have a look what the booklet for
Hex(0745F0) contains.

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Color

Hex(0745F0)

Conversions

Conversions Part 1

Format	Color
Hex	0745F0
RGB	7, 69, 240
RGB Percent	3%, 27%, 94%
CMY	0.9725, 0.7294, 0.0588
CMYK	0.97, 0.71, 0.00, 0.06
HSL	224°, 94%, 48%
HSV	224°, 97%, 94%
XYZ	17.9439, 10.5927, 83.5369
YIQ	69.9560, -91.8430, 40.0370

Conversions

Conversions Part 2

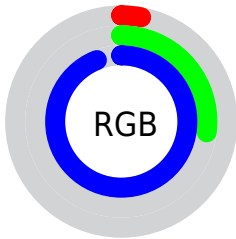
Format	Color
RYB	7, 56, 240
Decimal	476656
CIELab	38.89, 50.26, -88.46
CIELCh	39, 101.741, 299.602
Yxy	10.5927, 0.1601, 0.0945
Android (android.graphics.Color)	4278666736 (0xFF0745F0)
YUV	69.9560, 83.8317, -55.2124
Hunter-Lab	32.5464, 41.4568, -129.3973

Details

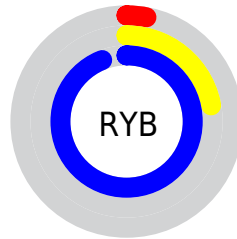
The Hex color **0745F0** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark saturated blue. A complement of this color would be **F0B207**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **7176FF**, and **001AB6** is the 20% darker color. If you saturate the color by 10%, you get **0040F0**, and if you desaturate by 10%, it is **1F57F0**.

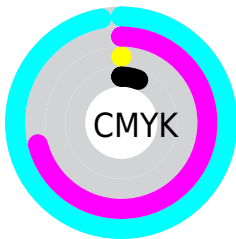
Distribution



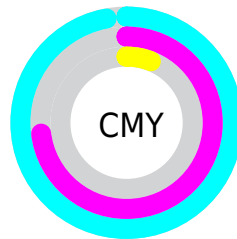
- Red (3%)
- Green (27%)
- Blue (94%)



- Red (3%)
- Yellow (22%)
- Blue (94%)



- Cyan (97%)
- Magenta (71%)
- Yellow (0%)
- Black (6%)




- Cyan (97%)
- Magenta (73%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0745F0 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 0745F0 by changing the saturation by 10% instead.

 0745F0

 0745F0

FFFFFF

 002ED3

 7176FF

 001AB6

 9490FF

 00089B

 B4AAFF

 000080

 D5C6FF

 000E65

 F5E2FF

 00094C

 000534

 00021E

 000001

■ 0745F0

■ 0745F0

■ 0040F0

■ 1F57F0

■ 3768F0

■ 4F7AF0

■ 678BF0

■ 7F9DF0

■ 97AFF0

■ AFC0F0

■ C7D2F0

■ DFE4F0

Harmonies

Analogous

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



006AFF



0745F0



B600B1

Triad

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



0745F0



AF2900



007758

Complementary

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



0745F0



F0B207

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.



007400



0745F0



715900

Square

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



0745F0



D70011



006C00



0079AD

Rectangle

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



0745F0



D7007C



006C00



00763B

Sweetspot

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



0745F0



B5C9FF



07F0B2



535F80



000000



808080

Same Dimension

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



0745F0



0044FF



3D07F0



6C6F78



0031B8



000F38

Inverse Universe

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



F00745



FF0044



BAF007



786C6F



B80031



38000F

Previews

White Background



This preview shows how the Hex color 0745F0 looks on a white background.

Color Contrast Check

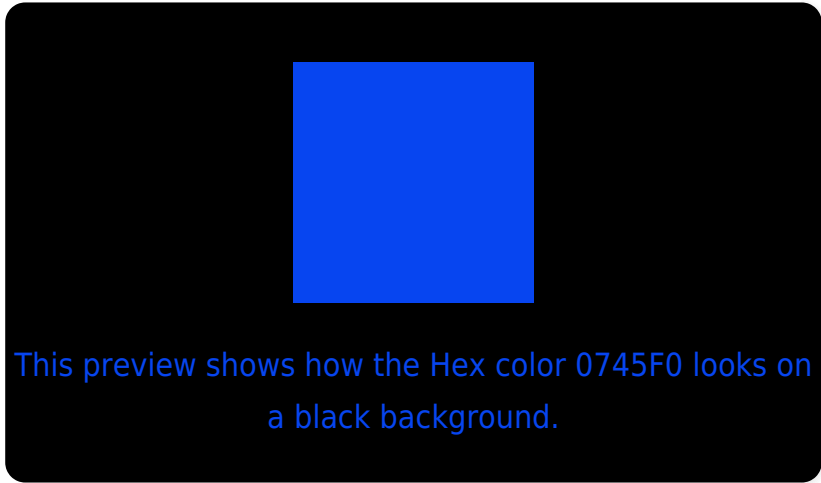
Large Text (above 18pt) WCAG AA ✓ Pass

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 0745F0 Background



This preview shows how black text looks on a background with the Hex color 0745F0.

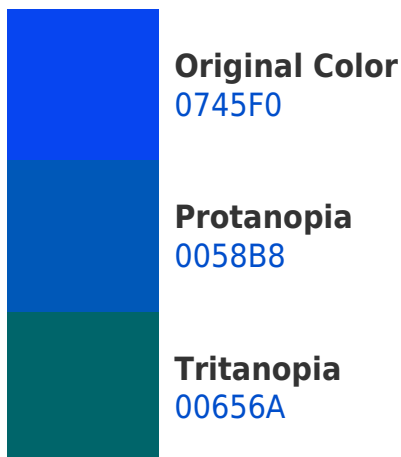


This preview shows how white text looks on a background with the Hex color 0745F0.

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



Trichromacy



Original Color
0745F0

Protanomaly
0351CC

Tritanomaly
03599B

Monochromacy



Original Color
0745F0

Achromatopsia
464646

Achromatomaly
2F4684

CSS Examples

Text

The CSS property to change the color of the text to Hex 0745F0 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 #0745F0 looks like.

```
.text, #text, p{  
    color:#0745F0  
}
```

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 #0745F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0745F0
}
```

Border

The CSS property to change the border of an element to Hex 0745F0 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
#0745F0 }
```

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

```
.border{ border-color:#0745F0 }
```

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

Here you see how a box with a 4 pixel #0745F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0745F0; -webkit-box-shadow:4px 4px  
4px 4px #0745F0; box-shadow:4px 4px 4px  
4px #0745F0 }
```

Background

The CSS property to change the background color of an element to Hex 0745F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0745F0 }
```

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

```
.background{ background-color:#0745F0 }
```

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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