

# Converting Colors

Hex(0F61F0)

Have a look what the booklet for  
Hex(0F61F0) contains.

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**Color**

**Hex(0F61F0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0F61F0
RGB	15, 97, 240
RGB Percent	6%, 38%, 94%
CMY	0.9412, 0.6196, 0.0588
CMYK	0.94, 0.60, 0.00, 0.06
HSL	218°, 88%, 50%
HSV	218°, 94%, 94%
XYZ	20.1999, 14.9422, 84.2576
YIQ	88.7840, -94.7750, 27.0890

# Conversions

## Conversions Part 2

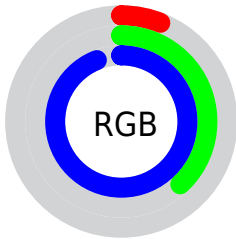
<b>Format</b>	<b>Color</b>
<b>RYB</b>	15, 75, 240
Decimal	1008112
CIELab	45.55, 33.06, -77.49
CIELCh	46, 84.245, 293.105
Yxy	14.9422, 0.1692, 0.1251
Android (android.graphics.Color)	4279198192 (0xFF0F61F0)
YUV	88.7840, 74.5495, -64.7086
Hunter-Lab	38.6552, 25.6315, -102.1772

# Details

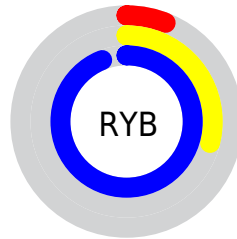
The Hex color **0F61F0** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark saturated azure. A complement of this color would be **F09E0F**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **7093FF**, and **0034B7** is the 20% darker color. If you saturate the color by 10%, you get **0057F0**, and if you desaturate by 10%, it is **2770F0**.

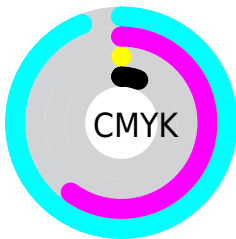
# Distribution



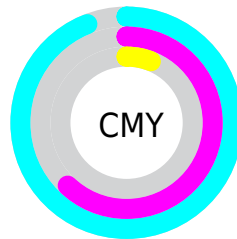
- Red (6%)
- Green (38%)
- Blue (94%)



- Red (6%)
- Yellow (29%)
- Blue (94%)



- Cyan (94%)
- Magenta (60%)
- Yellow (0%)
- Black (6%)



- Cyan (94%)
- Magenta (62%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0F61F0 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 0F61F0 by changing the saturation by 10% instead.



 0F61F0

 0F61F0

FFFFFF

 004AD3

 7093FF

 0034B7

 92ADFF

 00219B

 B2C9FF

 001080

 D2E4FF

 000666

 F2FFFF

 000A4D

 000535

 00021F

 000002

■ 0F61F0

■ 0F61F0

■ 0057F0

■ 2770F0

■ 3F80F0

■ 578FF0

■ 6F9EF0

■ 87ADF0

■ 9FBDF0

■ B7CCF0

■ CFDBF0

■ E7EAF0

# Harmonies

## Analogous

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



007BFA



0F61F0



AD31C2

# Triad

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



0F61F0



C33E00



008759

# Complementary

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



0F61F0



F09E0F

# 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.



008200



0F61F0



916400

# Square

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



0F61F0



DF003A



4F7800



0088A2

# Rectangle

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



0F61F0



D10097



4F7800



008640



# Sweetspot

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



0F61F0



B8D2FF



0FF09D



546480



000000



808080



# Same Dimension

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



0F61F0



005DFF



2D0FF0



6C7078



0043B8



001438



# Inverse Universe

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



F00F61



FF005D



D2F00F



786C70



B80043



380014



# Previews

## White Background



This preview shows how the Hex color 0F61F0 looks on a white background.

## Color Contrast Check

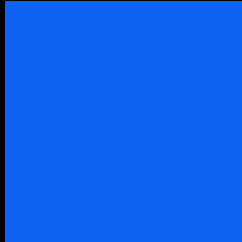
Large Text (above 18pt) WCAG AA ✓ Pass

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 0F61F0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

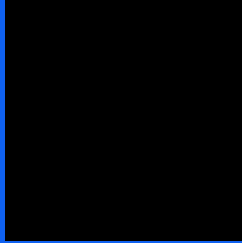
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

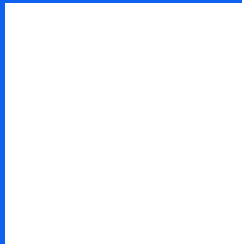
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0F61F0 Background



This preview shows how black text looks on a background with the Hex color 0F61F0.



This preview shows how white text looks on a background with the Hex color 0F61F0.

# 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**  
0F61F0

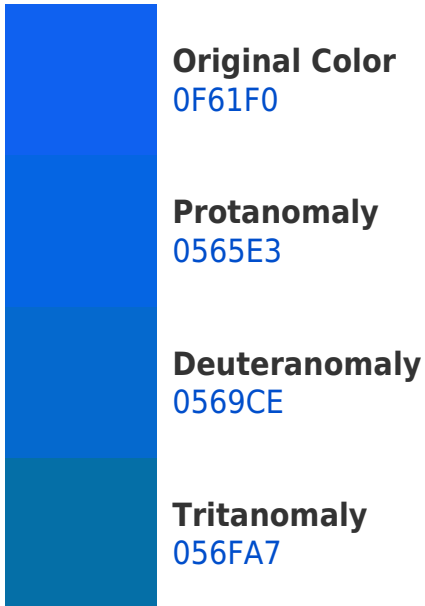
**Protanopia**  
0067DB

**Deuteranopia**  
006EBB



**Tritanopia**  
00777E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0F61F0 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 #0F61F0 looks like.

```
.text, #text, p{  
    color:#0F61F0  
}
```

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 #0F61F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F61F0
}
```

## Border

The CSS property to change the border of an element to Hex 0F61F0 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
#0F61F0 }
```

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

```
.border{ border-color:#0F61F0 }
```

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

Here you see how a box with a 4 pixel #0F61F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F61F0; -webkit-box-shadow:4px 4px  
4px 4px #0F61F0; box-shadow:4px 4px 4px  
4px #0F61F0 }
```

# Background

The CSS property to change the background color of an element to Hex 0F61F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F61F0 }
```

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

```
.background{ background-color:#0F61F0 }
```

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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