

# Converting Colors

Hex(0F66F0)

Have a look what the booklet for  
Hex(0F66F0) contains.

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# Color

**Hex(0F66F0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0F66F0
RGB	15, 102, 240
RGB Percent	6%, 40%, 94%
CMY	0.9412, 0.6000, 0.0588
CMYK	0.94, 0.57, 0.00, 0.06
HSL	217°, 88%, 50%
HSV	217°, 94%, 94%
XYZ	20.6765, 15.8956, 84.4165
YIQ	91.7190, -96.1500, 24.4740

# Conversions

## Conversions Part 2

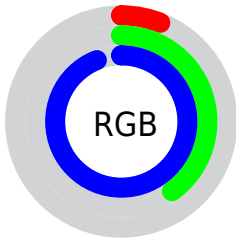
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	15, 78, 240
Decimal	1009392
CIE <sub>Lab</sub>	46.84, 29.86, -75.39
CIE <sub>LCh</sub>	47, 81.091, 291.608
Yxy	15.8956, 0.1709, 0.1314
Android (android.graphics.Color)	4279199472 (0xFF0F66F0)
<b>YUV</b>	91.7190, 73.1025, -67.2826
Hunter-Lab	39.8693, 22.8005, -97.6282

# Details

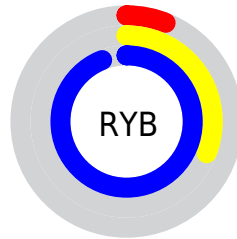
The Hex color **0F66F0** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark saturated azure. A complement of this color would be **F0990F**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **7098FF**, and **0039B7** is the 20% darker color. If you saturate the color by 10%, you get **005DF0**, and if you desaturate by 10%, it is **2775F0**.

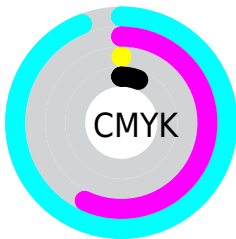
# Distribution



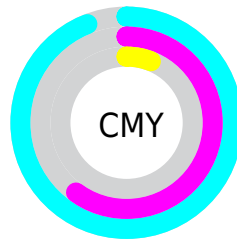
- Red (6%)
- Green (40%)
- Blue (94%)



- Red (6%)
- Yellow (31%)
- Blue (94%)



- Cyan (94%)
- Magenta (57%)
- Yellow (0%)
- Black (6%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 0F66F0 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 0F66F0 by changing the saturation by 10% instead.



 0F66F0

 0F66F0

FFFFFF

 004FD3

 7098FF

 0039B7

 92B3FF

 00259B

 B2CEFF

 001480


 D1EAFF

 000566

 F1FFFF

 000A4D

 000535

 00021F

 000002

■ 0F66F0

■ 0F66F0

■ 005DF0

■ 2775F0

■ 3F83F0

■ 5792F0

■ 6FA1F0

■ 87B0F0

■ 9FBEF0

■ B7CDF0

■ CFDCF0

■ E7EAF0

# Harmonies

## Analogous

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



007EF8



0F66F0



AB3CC5

# Triad

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



0F66F0



C64200



008A59

# Complementary

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



0F66F0



F0990F

# 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.



008500



0F66F0



986600

# Square

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



0F66F0



E00042



587A00



008BA0

# Rectangle

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



0F66F0



D0069C



587A00



008841



# Sweetspot

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



0F66F0



B8D3FF



0FF096



546580



000000



808080



# Same Dimension

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



0F66F0



0063FF



250FF0



6C7078



0047B8



001638



# Inverse Universe

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



F00F66



FF0063



DAF00F



786C70



B80047



380016



# Previews

## White Background



This preview shows how the Hex color 0F66F0 looks on a white background.

## Color Contrast Check

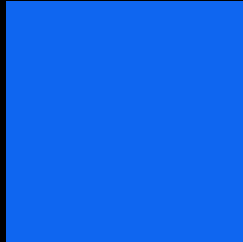
Large Text (above 18pt) WCAG AA ✓ Pass

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 0F66F0 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

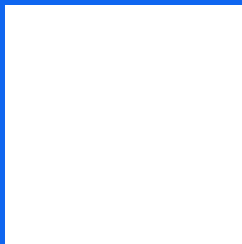
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0F66F0 Background



This preview shows how black text looks on a background with the Hex color 0F66F0.



This preview shows how white text looks on a background with the Hex color 0F66F0.

# 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**  
007A82

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0F66F0 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 #0F66F0 looks like.

```
.text, #text, p{  
    color:#0F66F0  
}
```

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 #0F66F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F66F0
}
```

## Border

The CSS property to change the border of an element to Hex 0F66F0 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
#0F66F0 }
```

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

```
.border{ border-color:#0F66F0 }
```

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

Here you see how a box with a 4 pixel #0F66F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F66F0; -webkit-box-shadow:4px 4px  
4px 4px #0F66F0; box-shadow:4px 4px 4px  
4px #0F66F0 }
```

# Background

The CSS property to change the background color of an element to Hex 0F66F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F66F0 }
```

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

```
.background{ background-color:#0F66F0 }
```

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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