

Converting Colors

Hex(0F6BF6)

Have a look what the booklet for
Hex(0F6BF6) contains.

Hex(0F6BF6)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

Hex(0F6BF6)

Conversions

Conversions Part 1

Format	Color
Hex	0F6BF6
RGB	15, 107, 246
RGB Percent	6%, 42%, 96%
CMY	0.9412, 0.5804, 0.0353
CMYK	0.94, 0.57, 0.00, 0.04
HSL	216°, 93%, 51%
HSV	216°, 94%, 96%
XYZ	22.0892, 17.2708, 89.3581
YIQ	95.3380, -99.4510, 23.7250

Conversions

Conversions Part 2

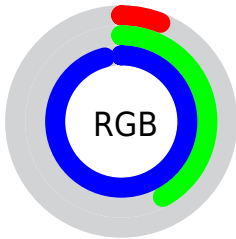
Format	Color
R _Y B	15, 81, 246
Decimal	1010678
CIE Lab	48.60, 28.96, -75.87
CIE LCh	49, 81.212, 290.894
Yxy	17.2708, 0.1716, 0.1342
Android (android.graphics.Color)	4279200758 (0xFF0F6BF6)
YUV	95.3380, 74.2764, -70.4564
Hunter-Lab	41.5581, 22.1508, -98.3945

Details

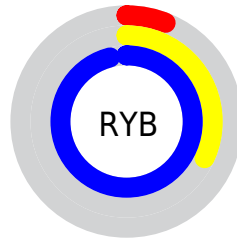
The Hex color **0F6BF6** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark saturated azure. A complement of this color would be **F69A0F**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **719EFF**, and **003DBD** is the 20% darker color. If you saturate the color by 10%, you get **0062F6**, and if you desaturate by 10%, it is **287AF6**.

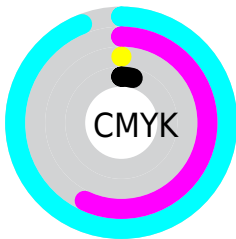
Distribution



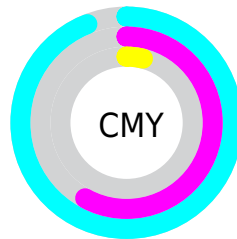
- Red (6%)
- Green (42%)
- Blue (96%)



- Red (6%)
- Yellow (32%)
- Blue (96%)



- Cyan (94%)
- Magenta (57%)
- Yellow (0%)
- Black (4%)



- Cyan (94%)
- Magenta (58%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F6BF6 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 0F6BF6 by changing the saturation by 10% instead.

 0F6BF6

 0F6BF6

FFFFFF

 0053D9

 719EFF

 003DBD

 93B8FF

 0029A1

 B4D4FF

 001886

 D3F0FF

 00016C

 F3FFFF

 000B52

 00053A

 000224

 00000B

■ 0F6BF6

■ 0F6BF6

■ 0062F6

■ 287AF6

■ 4089F6

■ 5997F6

■ 71A6F6

■ 8AB5F6

■ A3C4F6

■ BBD3F6

■ D4E1F6

■ ECF0F6

Harmonies

Analogous

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



0083FD



0F6BF6



AE42CB

Triad

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



0F6BF6



CD4600



008E5B

Complementary

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



0F6BF6



F69A0F

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.



008901



0F6BF6



9E6900

Square

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



0F6BF6



E60048



5F7E00



0090A3

Rectangle

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



0F6BF6



D417A2



5F7E00



008D43

Sweetspot

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



0F6BF6



B8D4FF



0FF69A



546580



000000



808080

Same Dimension

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



0F6BF6



0066FF



260FF6



6E737A



004ABA



00173B

Inverse Universe

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



F60F6B



FF0066



DFF60F



7A6E73



BA004A



3B0017

Previews

White Background



This preview shows how the Hex color 0F6BF6 looks on a white background.

Color Contrast Check

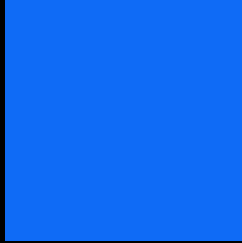
Large Text (above 18pt) WCAG AA ✓ Pass

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 0F6BF6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

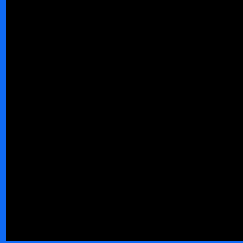
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

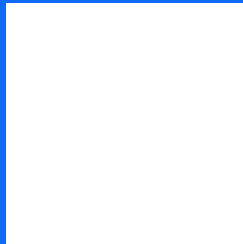
Any Text WCAG AAA × Fail

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

Hex 0F6BF6 Background



This preview shows how black text looks on a background with the Hex color 0F6BF6.

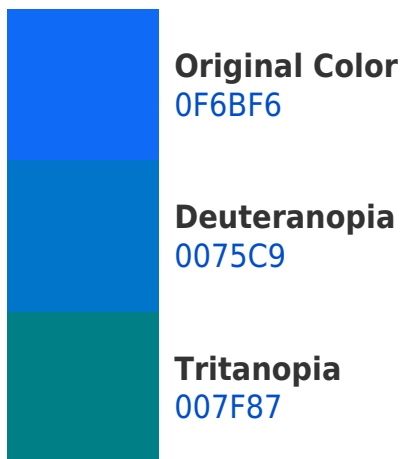


This preview shows how white text looks on a background with the Hex color 0F6BF6.

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
0F6BF6

Deuteranomaly
0571D9

Tritanomaly
0578AF

Monochromacy



Original Color
0F6BF6

Achromatopsia
5F5F5F

Achromatomaly
426396

CSS Examples

Text

The CSS property to change the color of the text to Hex 0F6BF6 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 #0F6BF6 looks like.

```
.text, #text, p{  
    color:#0F6BF6  
}
```

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 #0F6BF6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F6BF6  
}
```

Border

The CSS property to change the border of an element to Hex 0F6BF6 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  
#0F6BF6 }
```

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

```
.border{ border-color:#0F6BF6 }
```

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

Here you see how a box with a 4 pixel #0F6BF6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F6BF6; -webkit-box-shadow:4px 4px  
4px 4px #0F6BF6; box-shadow:4px 4px 4px  
4px #0F6BF6 }
```

Background

The CSS property to change the background color of an element to Hex 0F6BF6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F6BF6 }
```

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

```
.background{ background-color:#0F6BF6 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor