

Converting Colors

Hex(0676F1)

Have a look what the booklet for
Hex(0676F1) contains.

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Color

Hex(0676F1)

Conversions

Conversions Part 1

Format	Color
Hex	0676F1
RGB	6, 118, 241
RGB Percent	2%, 46%, 95%
CMY	0.9765, 0.5373, 0.0549
CMYK	0.98, 0.51, 0.00, 0.05
HSL	211°, 95%, 48%
HSV	211°, 98%, 95%
XYZ	22.4307, 19.3465, 85.7711
YIQ	98.5340, -106.2350, 14.5090

Conversions

Conversions Part 2

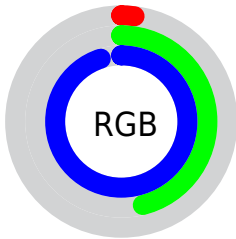
Format	Color
R _Y B	6, 82, 241
Decimal	423665
CIE Lab	51.09, 19.80, -69.04
CIE LCh	51, 71.822, 286.006
Yxy	19.3465, 0.1759, 0.1517
Android (android.graphics.Color)	4278613745 (0xFF0676F1)
YUV	98.5340, 70.2357, -81.1523
Hunter-Lab	43.9846, 14.0561, -84.8278

Details

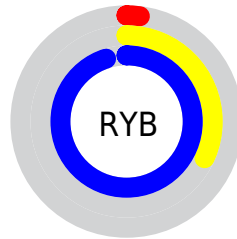
The Hex color **0676F1** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark saturated azure. A complement of this color would be **F18106**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **6EA9FF**, and **0047B8** is the 20% darker color. If you saturate the color by 10%, you get **0073F1**, and if you desaturate by 10%, it is **1E83F1**.

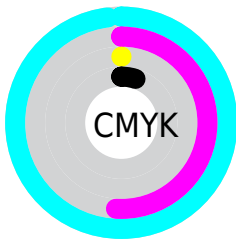
Distribution



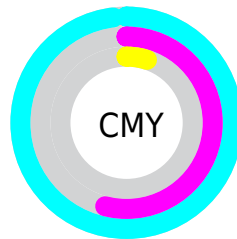
- Red (2%)
- Green (46%)
- Blue (95%)



- Red (2%)
- Yellow (32%)
- Blue (95%)



- Cyan (98%)
- Magenta (51%)
- Yellow (0%)
- Black (5%)



- Cyan (98%)
- Magenta (54%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0676F1 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 0676F1 by changing the saturation by 10% instead.

 0676F1

 0676F1

FFFFFF

 005ED4

 6EA9FF

 0047B8

 8FC4FF

 00329C

 B0E0FF

 001F82

 CFFDFF

 000668

 EFFFFFF

 000A4F

 000537

 000220

 000005

■ 0676F1

■ 0676F1

■ 0073F1

■ 1E83F1

■ 368FF1

■ 4E9CF1

■ 66A8F1

■ 7FB5F1

■ 97C2F1

■ AFCEF1

■ C7DBF1

■ DFE8F1

Harmonies

Analogous

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



0089F2



0676F1



A458D0

Triad

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



0676F1



D24F20



00935A

Complementary

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



0676F1



F18106

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.



1F8D14



0676F1



AB6C00

Square

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



0676F1



E4305C



758100



00959A

Rectangle

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



0676F1



CB40AD



758100



009144

Sweetspot

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



0676F1



B5D8FF



06F17F



536880



000000



808080

Same Dimension

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



0676F1



007AFF



0A06F1



6C7278



0058B8



001B38

Inverse Universe

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



F10676



FF007A



EDF106



786C72



B80058



38001B

Previews

White Background



This preview shows how the Hex color 0676F1 looks on a white background.

Color Contrast Check

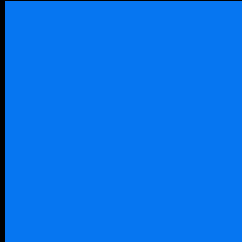
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 0676F1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

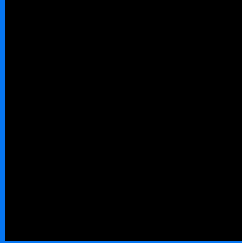
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

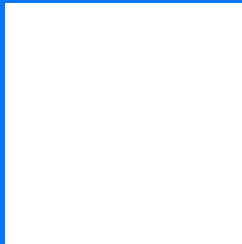
Any Text WCAG AAA × Fail

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

Hex 0676F1 Background



This preview shows how black text looks on a background with the Hex color 0676F1.

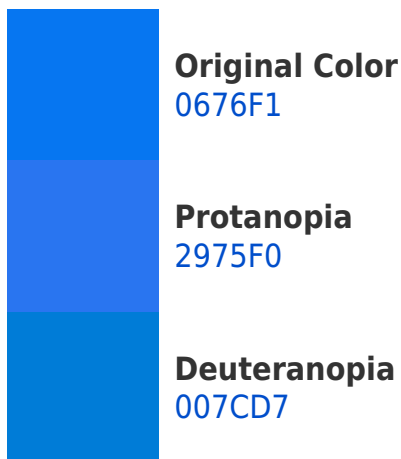


This preview shows how white text looks on a background with the Hex color 0676F1.

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](#).

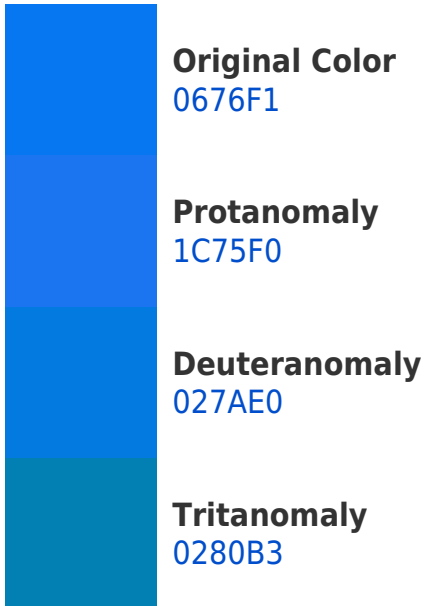
Dichromacy



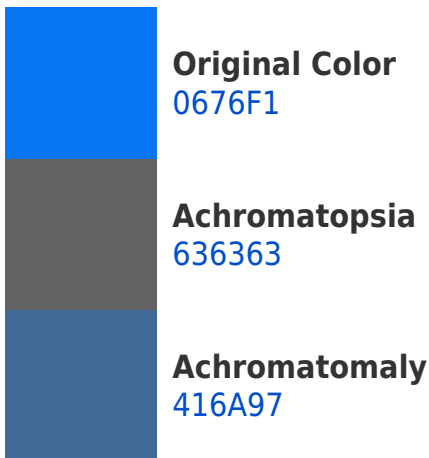


Tritanopia
00868F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0676F1 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 #0676F1 looks like.

```
.text, #text, p{  
    color:#0676F1  
}
```

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 #0676F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0676F1
}
```

Border

The CSS property to change the border of an element to Hex 0676F1 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
#0676F1 }
```

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

```
.border{ border-color:#0676F1 }
```

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

Here you see how a box with a 4 pixel #0676F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0676F1; -webkit-box-shadow:4px 4px  
4px 4px #0676F1; box-shadow:4px 4px 4px  
4px #0676F1 }
```

Background

The CSS property to change the background color of an element to Hex 0676F1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0676F1 }
```

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

```
.background{ background-color:#0676F1 }
```

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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