

Converting Colors

Hex(0076F2)

Have a look what the booklet for
Hex(0076F2) contains.

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Color

Hex(0076F2)

Conversions

Conversions Part 1

Format	Color
Hex	0076F2
RGB	0, 118, 242
RGB Percent	0%, 46%, 95%
CMY	1.0000, 0.5373, 0.0510
CMYK	1.00, 0.51, 0.00, 0.05
HSL	211°, 100%, 47%
HSV	211°, 100%, 95%
XYZ	22.5054, 19.3677, 86.5566
YIQ	96.8540, -110.1320, 13.5480

Conversions

Conversions Part 2

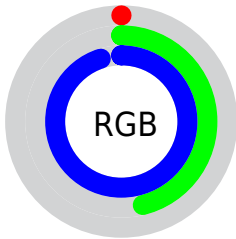
Format	Color
R _Y B	0, 79, 242
Decimal	30450
CIE Lab	51.11, 20.04, -69.56
CIE LCh	51, 72.387, 286.073
Yxy	19.3677, 0.1752, 0.1508
Android (android.graphics.Color)	4278220530 (0xFF0076F2)
YUV	96.8540, 71.5570, -84.9410
Hunter-Lab	44.0087, 14.2672, -85.8058

Details

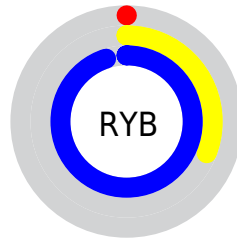
The Hex color **0076F2** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark saturated azure. A complement of this color would be **F27C00**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **6DA9FF**, and **0047B9** is the 20% darker color. If you saturate the color by 10%, you get **0076F2**, and if you desaturate by 10%, it is **1882F2**.

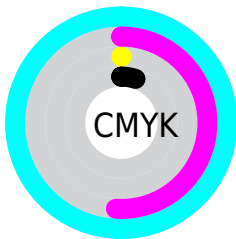
Distribution



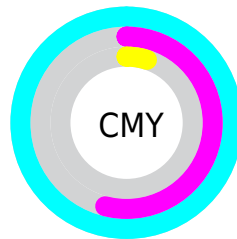
- Red (0%)
- Green (46%)
- Blue (95%)



- Red (0%)
- Yellow (31%)
- Blue (95%)



- Cyan (100%)
- Magenta (51%)
- Yellow (0%)
- Black (5%)



- Cyan (100%)
- Magenta (54%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0076F2 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 0076F2 by changing the saturation by 10% instead.

 0076F2

 0076F2

FFFFFF

 005ED5

 6DA9FF

 0047B9

 8FC4FF

 00329D

 AFE0FF

 001F82


 CFFDFF

 000669

 EEEFFF

 000A4F

 000537

 000221

 000006

 0076F2

 1882F2

 308FF2

 499BF2

 61A8F2

 79B4F2

 91C0F2

 A9CDF2

 C2D9F2

 DAE6F2

Harmonies

Analogous

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



0089F3



0076F2



A457D1

Triad

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



0076F2



D34E1F



00935A

Complementary

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



0076F2



F27C00

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.



1C8D13



0076F2



AB6C00

Square

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



0076F2



E52E5C



758100



00959A

Rectangle

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



0076F2



CC3FAD



758100



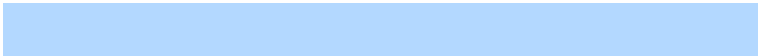
009144

Sweetspot

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



0076F2



B3D8FF



00F279



526880



000000



808080

Same Dimension

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



0076F2



007CFF



0000F2



6C7278



005AB8



001B38

Inverse Universe

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



F20076



FF007C



F2F200



786C72



B8005A



38001B

Previews

White Background



This preview shows how the Hex color 0076F2 looks on a white background.

Color Contrast Check

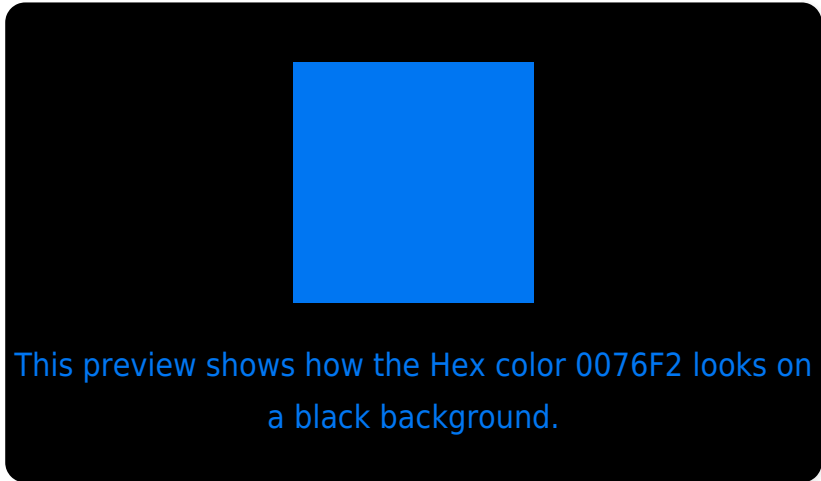
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

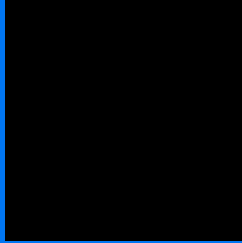
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

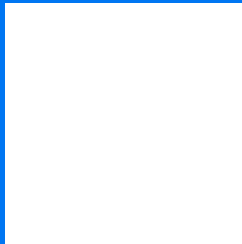
Any Text WCAG AAA × Fail

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

Hex 0076F2 Background



This preview shows how black text looks on a background with the Hex color 0076F2.



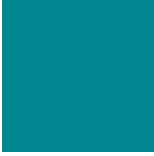
This preview shows how white text looks on a background with the Hex color 0076F2.

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](#).

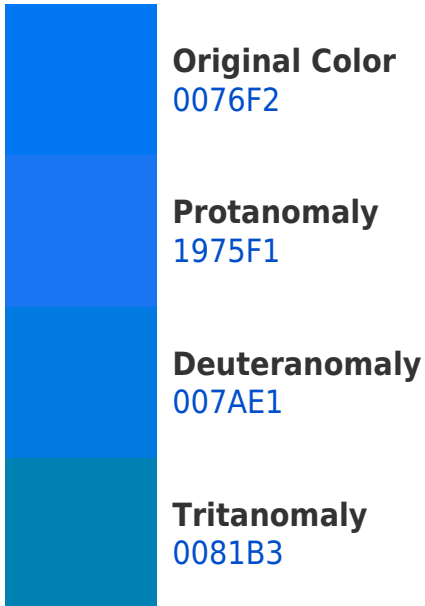
Dichromacy





Tritanopia
00878F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0076F2 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 #0076F2 looks like.

```
.text, #text, p{  
    color:#0076F2  
}
```

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 #0076F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0076F2
}
```

Border

The CSS property to change the border of an element to Hex 0076F2 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
#0076F2 }
```

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

```
.border{ border-color:#0076F2 }
```

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

Here you see how a box with a 4 pixel #0076F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0076F2; -webkit-box-shadow:4px 4px  
4px 4px #0076F2; box-shadow:4px 4px 4px  
4px #0076F2 }
```

Background

The CSS property to change the background color of an element to Hex 0076F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0076F2 }
```

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

```
.background{ background-color:#0076F2 }
```

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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