

Converting Colors

Hex(0075F8)

Have a look what the booklet for
Hex(0075F8) contains.

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Color

Hex(0075F8)

Conversions

Conversions Part 1

Format	Color
Hex	0075F8
RGB	0, 117, 248
RGB Percent	0%, 46%, 97%
CMY	1.0000, 0.5412, 0.0275
CMYK	1.00, 0.53, 0.00, 0.03
HSL	212°, 100%, 49%
HSV	212°, 100%, 97%
XYZ	23.3046, 19.4999, 91.3425
YIQ	96.9510, -111.7830, 15.9370

Conversions

Conversions Part 2

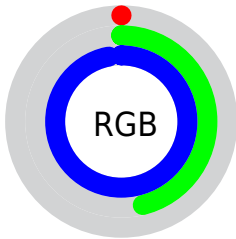
Format	Color
R _{YB}	0, 79, 248
Decimal	30200
CIE _{Lab}	51.27, 23.00, -72.65
CIE _{LCh}	51, 76.203, 287.570
Y _{xy}	19.4999, 0.1737, 0.1454
Android (android.graphics.Color)	4278220280 (0xFF0075F8)
YUV	96.9510, 74.4672, -85.0260
Hunter-Lab	44.1587, 16.9250, -91.7307

Details

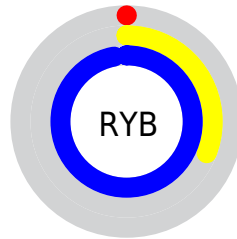
The Hex color **0075F8** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark saturated azure. A complement of this color would be **F88300**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **6FA8FF**, and **0046BF** is the 20% darker color. If you saturate the color by 10%, you get **0075F8**, and if you desaturate by 10%, it is **1982F8**.

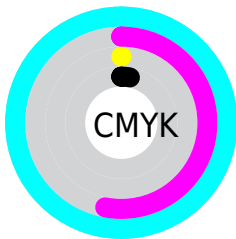
Distribution



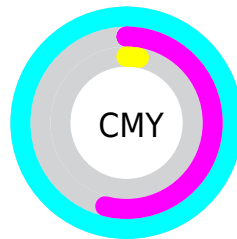
- Red (0%)
- Green (46%)
- Blue (97%)



- Red (0%)
- Yellow (31%)
- Blue (97%)



- Cyan (100%)
- Magenta (53%)
- Yellow (0%)
- Black (3%)



- Cyan (100%)
- Magenta (54%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0075F8 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 0075F8 by changing the saturation by 10% instead.

 0075F8

 0075F8

FFFFFF

 005DDB

 6FA8FF

 0046BF

 91C3FF

 0031A3

 B1DFFF

 001F88

 D1FBFF

 00066E

 F1FFFF

 000B54

 00063C

 000225

 00010E

■ 0075F8

■ 1982F8

■ 328FF8

■ 4A9CF8

■ 63A9F8

■ 7CB6F8

■ 95C4F8

■ AED1F8

■ C6DEF8

■ DFEBF8

Harmonies

Analogous

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



008AFB



0075F8



AA53D3

Triad

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



0075F8



D54D15



00945C

Complementary

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



0075F8



F88300

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.



008F0E



0075F8



AA6D00

Square

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



0075F8



EA2657



708300



0096A0

Rectangle

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



0075F8



D237AD



708300



009345

Sweetspot

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



0075F8



B3D7FF



00F880



526780



000000



808080

Same Dimension

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



0075F8



0078FF



0400F8



70767D



0059BD



001D3D

Inverse Universe

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



F80075



FF0078



F4F800



7D7076



BD0059



3D001D

Previews

White Background



This preview shows how the Hex color 0075F8 looks on a white background.

Color Contrast Check

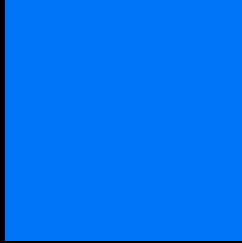
Large Text (above 18pt) WCAG AA ✓ Pass

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 0075F8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

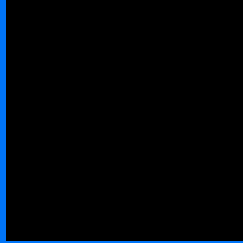
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

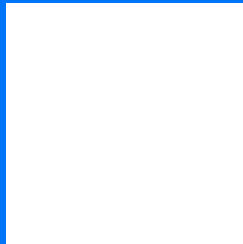
Any Text WCAG AAA × Fail

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

Hex 0075F8 Background



This preview shows how black text looks on a background with the Hex color 0075F8.

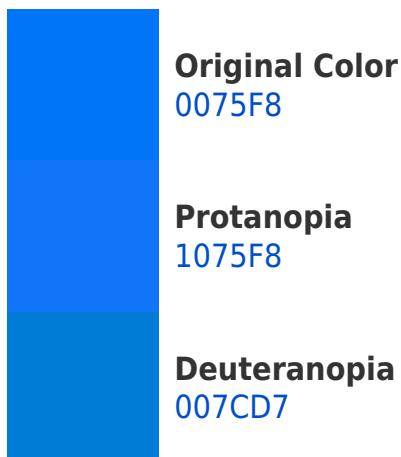


This preview shows how white text looks on a background with the Hex color 0075F8.

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



Original Color
0075F8

Protanomaly
0A75F8

Deuteranomaly
0079E3

Tritanomaly
0080B5

Monochromacy



Original Color
0075F8

Achromatopsia
616161

Achromatomaly
3E6898

CSS Examples

Text

The CSS property to change the color of the text to Hex 0075F8 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 #0075F8 looks like.

```
.text, #text, p{  
    color:#0075F8  
}
```

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 #0075F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0075F8
}
```

Border

The CSS property to change the border of an element to Hex 0075F8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

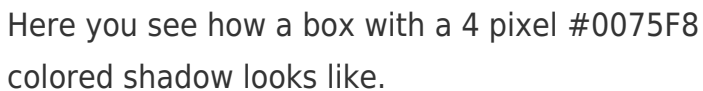
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0075F8 }
```

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

```
.border{ border-color:#0075F8 }
```

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



Here you see how a box with a 4 pixel #0075F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0075F8; -webkit-box-shadow:4px 4px  
4px 4px #0075F8; box-shadow:4px 4px 4px  
4px #0075F8 }
```

Background

The CSS property to change the background color of an element to Hex 0075F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0075F8 }
```

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

```
.background{ background-color:#0075F8 }
```

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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