

Converting Colors

Hex(0068FA)

Have a look what the booklet for
Hex(0068FA) contains.

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Color

Hex(0068FA)

Conversions

Conversions Part 1

Format	Color
Hex	0068FA
RGB	0, 104, 250
RGB Percent	0%, 41%, 98%
CMY	1.0000, 0.5922, 0.0196
CMYK	1.00, 0.58, 0.00, 0.02
HSL	215°, 100%, 49%
HSV	215°, 100%, 98%
XYZ	22.2056, 16.8028, 92.5154
YIQ	89.5480, -108.8500, 23.3580

Conversions

Conversions Part 2

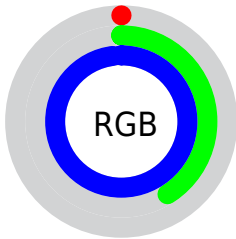
Format	Color
R _{YB}	0, 73, 250
Decimal	26874
CIE Lab	48.01, 32.04, -79.07
CIE LCh	48, 85.312, 292.060
Yxy	16.8028, 0.1688, 0.1278
Android (android.graphics.Color)	4278216954 (0xFF0068FA)
YUV	89.5480, 79.1028, -78.5336
Hunter-Lab	40.9912, 24.9620, -105.1213

Details

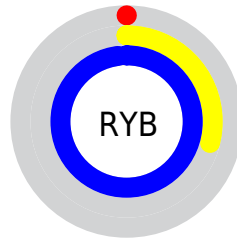
The Hex color **0068FA** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark saturated azure. A complement of this color would be **FA9200**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **709AFF**, and **003BC0** is the 20% darker color. If you saturate the color by 10%, you get **0068FA**, and if you desaturate by 10%, it is **1977FA**.

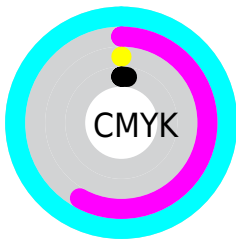
Distribution



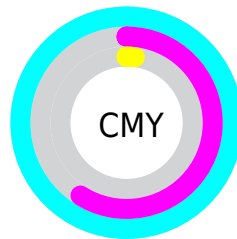
- Red (0%)
- Green (41%)
- Blue (98%)



- Red (0%)
- Yellow (29%)
- Blue (98%)



- Cyan (100%)
- Magenta (58%)
- Yellow (0%)
- Black (2%)



- Cyan (100%)
- Magenta (59%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0068FA 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 0068FA by changing the saturation by 10% instead.

 0068FA

 0068FA

FFFFFF

 0051DD

 709AFF

 003BC0

 93B5FF

 0027A4

 B3D0FF

 001689

 D3ECFF

 00026F

 F3FFFF

 000C55

 00063D

 000326

 00010F

 0068FA

 1977FA

 3285FA

 4B94FA

 64A2FA

 7DB1FA

 96C0FA

 AFCEFA

 C8DDFA

 E1EBFA

Harmonies

Analogous

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



0081FF



0068FA



B23ACC

Triad

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



0068FA



CD4200



008E5C

Complementary

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



0068FA



FA9200

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.



008900



0068FA



9B6800

Square

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



0068FA



E90042



587E00



008FA7

Rectangle

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



0068FA



D900A0



587E00



008C42

Sweetspot

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



0068FA



B3D2FF



00FA92



526580



000000



808080

Same Dimension

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



0068FA



006AFF



1500FA



70767D



004EBD



00193D

Inverse Universe

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



FA0068



FF006A



E5FA00



7D7076



BD004E



3D0019

Previews

White Background



This preview shows how the Hex color 0068FA looks on a white background.

Color Contrast Check

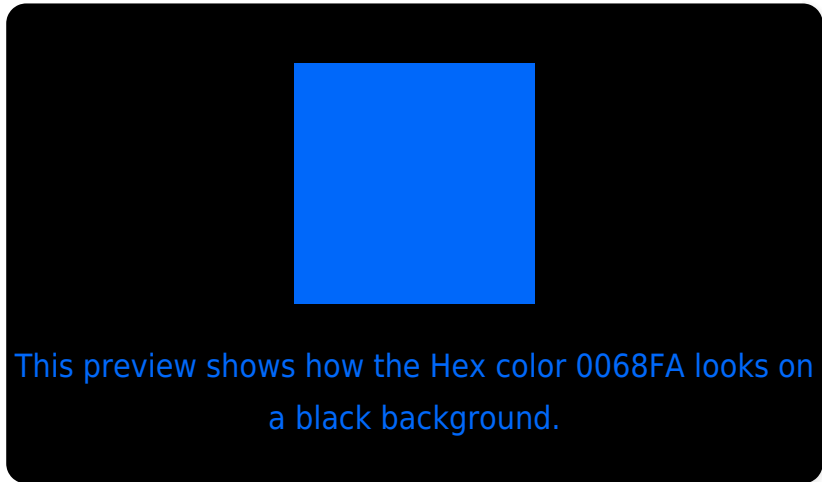
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

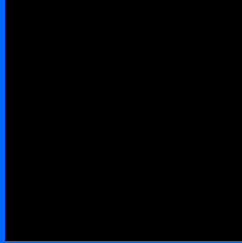
Any Text WCAG AA × Fail

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 0068FA Background



This preview shows how black text looks on a background with the Hex color 0068FA.

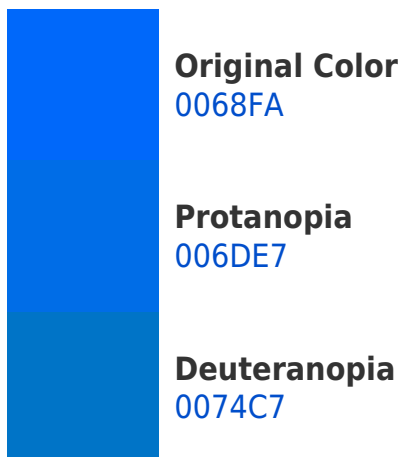


This preview shows how white text looks on a background with the Hex color 0068FA.

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](#).

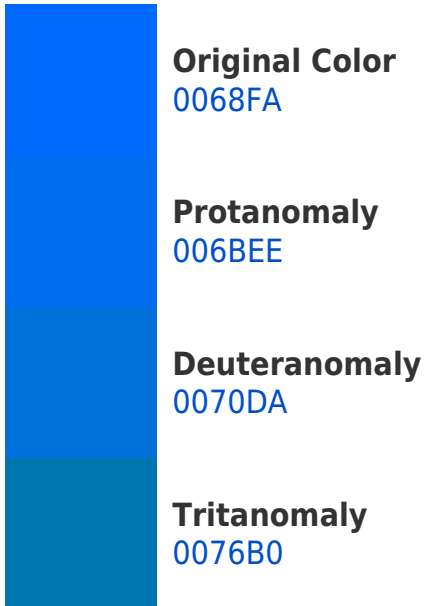
Dichromacy





Tritanopia
007E85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0068FA 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 #0068FA looks like.

```
.text, #text, p{  
    color:#0068FA  
}
```

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 #0068FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0068FA
}
```

Border

The CSS property to change the border of an element to Hex 0068FA is called "border". The border property can be set on classes, ids or directly on the HTML element.

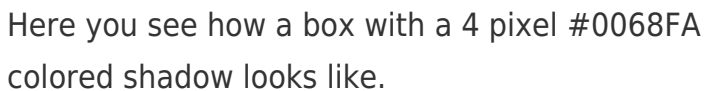
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0068FA }
```

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

```
.border{ border-color:#0068FA }
```

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



Here you see how a box with a 4 pixel #0068FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0068FA; -webkit-box-shadow:4px 4px  
4px 4px #0068FA; box-shadow:4px 4px 4px  
4px #0068FA }
```

Background

The CSS property to change the background color of an element to Hex 0068FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0068FA }
```

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

```
.background{ background-color:#0068FA }
```

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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