

Converting Colors

Hex(0060FA)

Have a look what the booklet for
Hex(0060FA) contains.

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Color

Hex(0060FA)

Conversions

Conversions Part 1

Format	Color
Hex	0060FA
RGB	0, 96, 250
RGB Percent	0%, 38%, 98%
CMY	1.0000, 0.6235, 0.0196
CMYK	1.00, 0.62, 0.00, 0.02
HSL	217°, 100%, 49%
HSV	217°, 100%, 98%
XYZ	21.4382, 15.2679, 92.2596
YIQ	84.8520, -106.6500, 27.5420

Conversions

Conversions Part 2

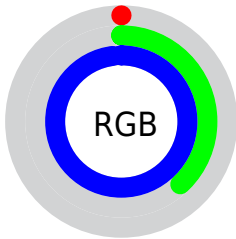
Format	Color
R _{YB}	0, 69, 250
Decimal	24826
CIE Lab	46.00, 37.12, -82.36
CIE LCh	46, 90.340, 294.263
Yxy	15.2679, 0.1662, 0.1184
Android (android.graphics.Color)	4278214906 (0xFF0060FA)
YUV	84.8520, 81.4180, -74.4152
Hunter-Lab	39.0741, 29.5551, -112.6402

Details

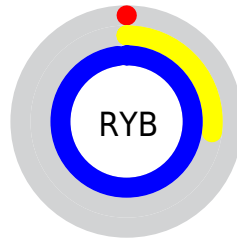
The Hex color **0060FA** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark saturated azure. A complement of this color would be **FA9A00**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **7192FF**, and **0033C0** is the 20% darker color. If you saturate the color by 10%, you get **0060FA**, and if you desaturate by 10%, it is **196FFA**.

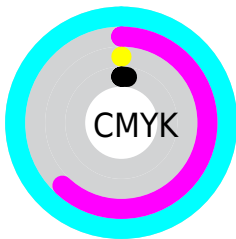
Distribution



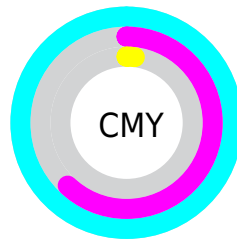
- Red (0%)
- Green (38%)
- Blue (98%)



- Red (0%)
- Yellow (27%)
- Blue (98%)



- Cyan (100%)
- Magenta (62%)
- Yellow (0%)
- Black (2%)



- Cyan (100%)
- Magenta (62%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0060FA 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 0060FA by changing the saturation by 10% instead.

 0060FA

 0060FA

FFFFFF

 0049DD

 7192FF

 0033C0

 93ACFF

 0020A4

 B4C7FF

 001089

 D4E3FF


 00056F

 F4FFFF

 000C55

 00063D

 000326

 00010F

 0060FA

 196FFA

 327FFA

 4B8EFA

 649EFA

 7DADFA

 96BCFA

 AFCCFA

 C8DBFA

 E1EBFA

Harmonies

Analogous

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



007CFF



0060FA



B525C7

Triad

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



0060FA



C73C00



00895C

Complementary

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



0060FA



FA9A00

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.



008500



0060FA



916500

Square

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



0060FA



E60035



487B00



008BAA

Rectangle

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



0060FA



DB0098



487B00



008840

Sweetspot

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



0060FA



B3D0FF



00FA96



526380



000000



808080

Same Dimension

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



0060FA



0062FF



1900FA



70757D



0048BD



00183D

Inverse Universe

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



FA0060



FF0062



E1FA00



7D7075



BD0048



3D0018

Previews

White Background



This preview shows how the Hex color 0060FA looks on a white background.

Color Contrast Check

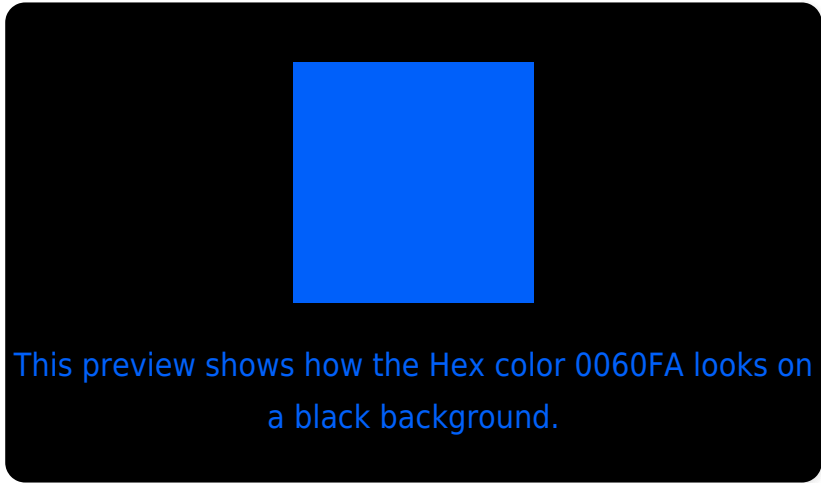
Large Text (above 18pt) WCAG AA ✓ Pass

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

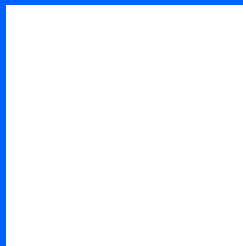
Any Text WCAG AAA × Fail

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

Hex 0060FA Background



This preview shows how black text looks on a background with the Hex color 0060FA.



This preview shows how white text looks on a background with the Hex color 0060FA.

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](#).

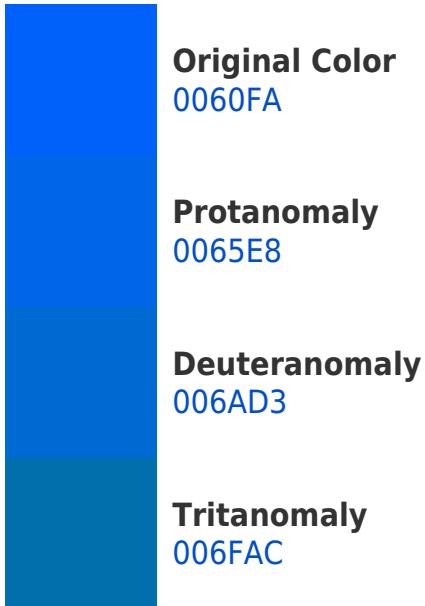
Dichromacy





Tritanopia
00787F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0060FA 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 #0060FA looks like.

```
.text, #text, p{  
    color:#0060FA  
}
```

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 #0060FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0060FA
}
```

Border

The CSS property to change the border of an element to Hex 0060FA 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
#0060FA }
```

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

```
.border{ border-color:#0060FA }
```

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

Here you see how a box with a 4 pixel #0060FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0060FA; -webkit-box-shadow:4px 4px  
4px 4px #0060FA; box-shadow:4px 4px 4px  
4px #0060FA }
```

Background

The CSS property to change the background color of an element to Hex 0060FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0060FA }
```

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

```
.background{ background-color:#0060FA }
```

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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