

Converting Colors

Hex(0060FF)

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

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Color

Hex(0060FF)

Conversions

Conversions Part 1

Format	Color
Hex	0060FF
RGB	0, 96, 255
RGB Percent	0%, 38%, 100%
CMY	1.0000, 0.6235, 0.0000
CMYK	1.00, 0.62, 0.00, 0.00
HSL	217°, 100%, 50%
HSV	217°, 100%, 100%
XYZ	22.2329, 15.5857, 96.4443
YIQ	85.4220, -108.2550, 29.0970

Conversions

Conversions Part 2

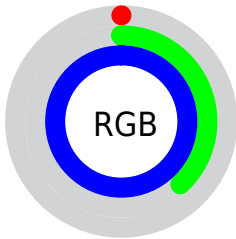
Format	Color
<code>RYB</code>	<code>0, 70, 255</code>
Decimal	<code>24831</code>
CIELab	<code>46.43, 39.00, -84.44</code>
CIELCh	<code>46, 93.012, 294.788</code>
Yxy	<code>15.5857, 0.1656, 0.1161</code>
Android (<code>android.graphics.Color</code>)	<code>4278214911 (0xFF0060FF)</code>
YUV	<code>85.4220, 83.6020, -74.9151</code>
Hunter-Lab	<code>39.4788, 31.4362, -117.2068</code>

Details

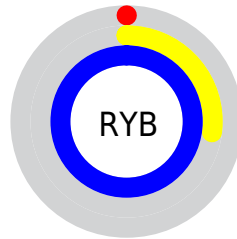
The Hex color **0060FF** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark saturated azure. A complement of this color would be **FF9F00**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **7292FF**, and **0033C5** is the 20% darker color. If you saturate the color by 10%, you get **0060FF**, and if you desaturate by 10%, it is **1970FF**.

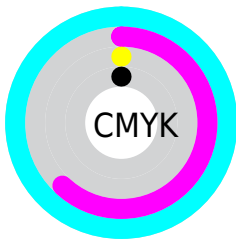
Distribution



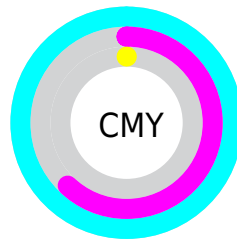
- Red (0%)
- Green (38%)
- Blue (100%)



- Red (0%)
- Yellow (27%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

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

 0060FF

 0060FF

FFFFFF

 0049E2

 7292FF

 0033C5

 95ACFF

 0020A9

 B6C8FF

 00118D

 D6E3FF

 000473

 F7FFFF

 000D59

 000741

 00032A

 000114

 0060FF

 1970FF

 3380FF

 4D90FF

 66A0FF

 80B0FF

 99BFFF

 B3CFFF

 CCDFFF

 E6EFFF

Harmonies

Analogous

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



007EFF



0060FF



BA1ECA

Triad

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



0060FF



C93C00



008B5E

Complementary

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



0060FF



FF9F00

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.



008600



0060FF



926700

Square

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



0060FF



EB0033



467C00



008CAE

Rectangle

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



0060FF



E00099



467C00



008A41

Sweetspot

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



0060FF



B3CFFF



00FF9D



526380



000000



808080

Same Dimension

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



0060FF



1E00FF



737880



0048BF



001840

Inverse Universe

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



FF0060



E1FF00



807378



BF0048



400018

Previews

White Background



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

Color Contrast Check

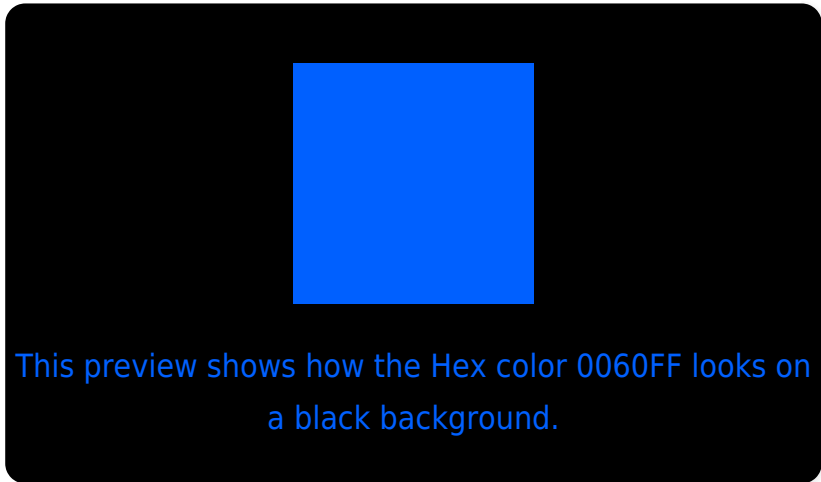
Large Text (above 18pt) WCAG AA ✓ Pass

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

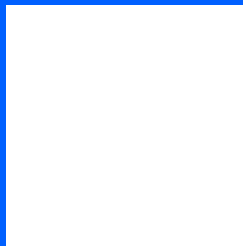
Any Text WCAG AAA × Fail

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

Hex 0060FF Background



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

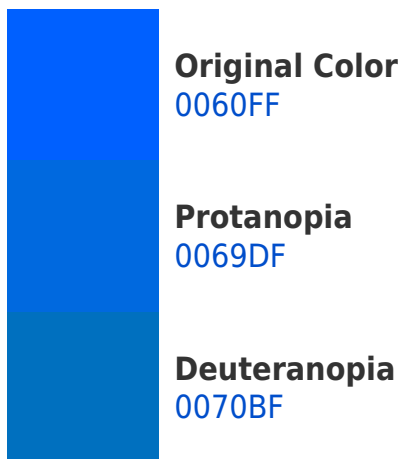


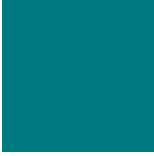
This preview shows how white text looks on a background with the Hex color 0060FF.

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](#).

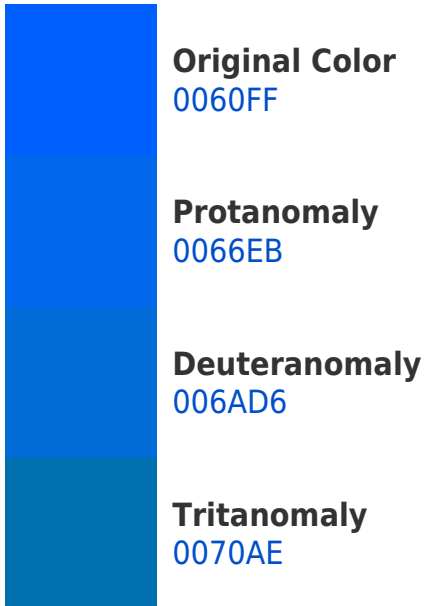
Dichromacy





Tritanopia
007980

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #0060FF colored shadow looks like.

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

Border

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

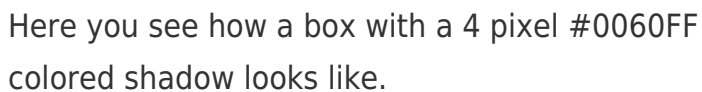
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0060FF }
```

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

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

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



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

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

Background

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

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

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

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

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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