

Converting Colors

Hex(0061FF)

Have a look what the booklet for
Hex(0061FF) contains.

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Color

Hex(0061FF)

Conversions

Conversions Part 1

Format	Color
Hex	0061FF
RGB	0, 97, 255
RGB Percent	0%, 38%, 100%
CMY	1.0000, 0.6196, 0.0000
CMYK	1.00, 0.62, 0.00, 0.00
HSL	217°, 100%, 50%
HSV	217°, 100%, 100%
XYZ	22.3247, 15.7694, 96.4749
YIQ	86.0090, -108.5300, 28.5740

Conversions

Conversions Part 2

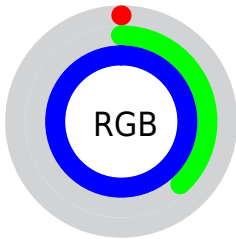
Format	Color
R _{YB}	0, 70, 255
Decimal	25087
CIE _{Lab}	46.67, 38.37, -84.04
CIE _{LCh}	47, 92.385, 294.538
Yxy	15.7694, 0.1659, 0.1172
Android (android.graphics.Color)	4278215167 (0xFF0061FF)
YUV	86.0090, 83.3126, -75.4299
Hunter-Lab	39.7107, 30.8560, -116.2443

Details

The Hex color **0061FF** 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 **FF9E00**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **7293FF**, and **0034C5** is the 20% darker color. If you saturate the color by 10%, you get **0061FF**, and if you desaturate by 10%, it is **1971FF**.

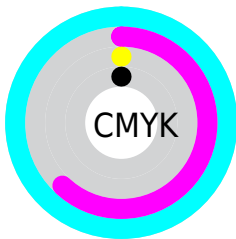
Distribution



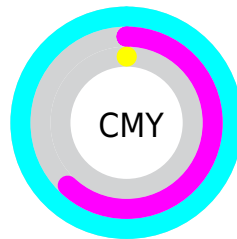
- Red (0%)
- Green (38%)
- Blue (100%)



- 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 0061FF 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 0061FF by changing the saturation by 10% instead.

 0061FF

 0061FF

FFFFFF

 004AE2

 7293FF

 0034C5

 95ADFF

 0021A9

 B6C9FF

 00128D

 D6E5FF

 000373

 F6FFFF

 000D59

 000741

 00032A

 000114

 0061FF

 1971FF

 3381FF

 4D90FF

 66A0FF

 80B0FF

 99C0FF

 B3D0FF

 CCDFFF

 E6EFFF

Harmonies

Analogous

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



007EFF



0061FF



B922CA

Triad

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



0061FF



CA3D00



008B5E

Complementary

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



0061FF



FF9E00

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.



008700



0061FF



936700

Square

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



0061FF



EB0035



487D00



008DAE

Rectangle

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



0061FF



DF009A



487D00



008A42

Sweetspot

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



0061FF



B3D0FF



00FF9D



526380



000000



808080

Same Dimension

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



0061FF



1E00FF



737880



0049BF



001840

Inverse Universe

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



FF0061



E1FF00



807378



BF0049



400018

Previews

White Background



This preview shows how the Hex color 0061FF 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



This preview shows how the Hex color 0061FF looks on a 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 0061FF Background



This preview shows how black text looks on a background with the Hex color 0061FF.

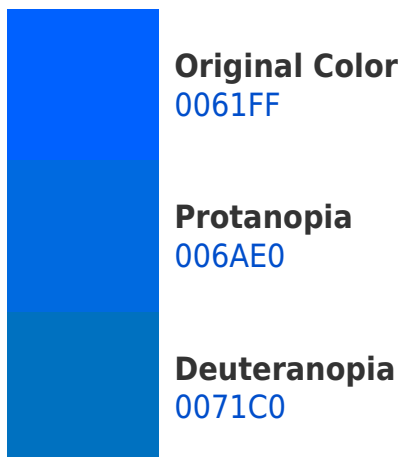


This preview shows how white text looks on a background with the Hex color 0061FF.

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](#).

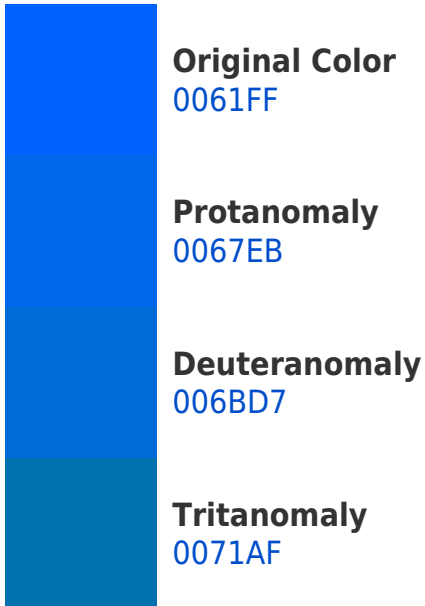
Dichromacy





Tritanopia
007A81

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0061FF 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 #0061FF looks like.

```
.text, #text, p{  
    color:#0061FF  
}
```

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 #0061FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0061FF
}
```

Border

The CSS property to change the border of an element to Hex 0061FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

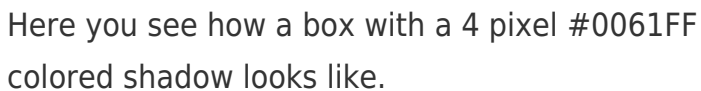
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0061FF }
```

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

```
.border{ border-color:#0061FF }
```

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



Here you see how a box with a 4 pixel #0061FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0061FF; -webkit-box-shadow:4px 4px  
4px 4px #0061FF; box-shadow:4px 4px 4px  
4px #0061FF }
```

Background

The CSS property to change the background color of an element to Hex 0061FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0061FF }
```

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

```
.background{ background-color:#0061FF }
```

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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