

# Converting Colors

Hex(0761FF)

Have a look what the booklet for  
Hex(0761FF) contains.

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**Color**

**Hex(0761FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0761FF
RGB	7, 97, 255
RGB Percent	3%, 38%, 100%
CMY	0.9725, 0.6196, 0.0000
CMYK	0.97, 0.62, 0.00, 0.00
HSL	218°, 100%, 51%
HSV	218°, 97%, 100%
XYZ	22.4123, 15.8146, 96.4790
YIQ	88.1020, -104.3580, 30.0580

# Conversions

## Conversions Part 2

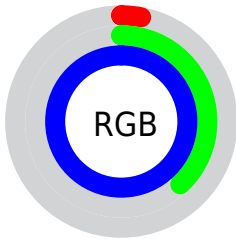
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	7, 73, 255
Decimal	483839
CIE <sub>Lab</sub>	46.73, 38.51, -83.94
CIE <sub>LCh</sub>	47, 92.355, 294.645
Yxy	15.8146, 0.1664, 0.1174
Android (android.graphics.Color)	4278673919 (0xFF0761FF)
YUV	88.1020, 82.2807, -71.1265
Hunter-Lab	39.7675, 31.0065, -116.0047

# Details

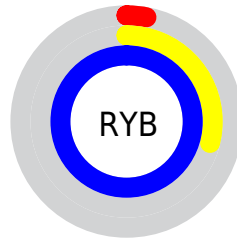
The Hex color **0761FF** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark saturated azure. A complement of this color would be **FFA507**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **7393FF**, and **0034C5** is the 20% darker color. If you saturate the color by 10%, you get **005DFF**, and if you desaturate by 10%, it is **2171FF**.

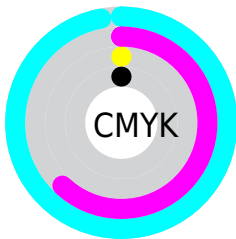
# Distribution



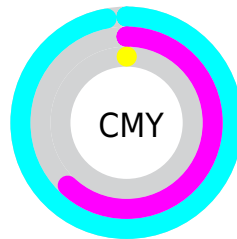
- Red (3%)
- Green (38%)
- Blue (100%)



- Red (3%)
- Yellow (29%)
- Blue (100%)



- Cyan (97%)
- Magenta (62%)
- Yellow (0%)
- Black (0%)



- Cyan (97%)
- Magenta (62%)
- Yellow (0%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 0761FF 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 0761FF by changing the saturation by 10% instead.



 0761FF

 0761FF

FFFFFF

 004AE2

 7393FF

 0034C5

 96ADFF

 0021A9

 B7C9FF

 00118D

 D7E5FF

 000373

 F7FFFF

 000D59

 000741

 00032A

 000114

■ 0761FF

■ 0761FF

■ 005DFF

■ 2171FF

■ 3A81FF

■ 5492FF

■ 6DA2FF

■ 87B2FF

■ A0C2FF

■ BAD3FF

■ D3E3FF

■ EDF3FF

# Harmonies

## Analogous

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



007EFF



0761FF



BA22CA

# Triad

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



0761FF



CA3D00



008C5E

# Complementary

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



0761FF



FFA507

# 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



0761FF



936700

# Square

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



0761FF



EB0035



487D00



008DAE

# Rectangle

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



0761FF



E0009A



487D00



008A42



# Sweetspot

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



0761FF



B5D0FF



07FFA4



536380



000000



808080



# Same Dimension

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



0761FF



005DFF



2807FF



737780



0045BF



001740



# Inverse Universe

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



FF0761



FF005D



DEFF07



807377



BF0045



400017



# Previews

## White Background



This preview shows how the Hex color 0761FF looks on a white background.

## Color Contrast Check

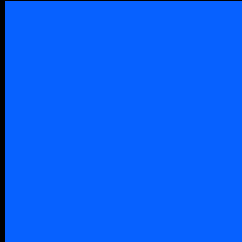
Large Text (above 18pt) WCAG AA ✓ Pass

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 0761FF 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 0761FF Background



This preview shows how black text looks on a background with the Hex color 0761FF.

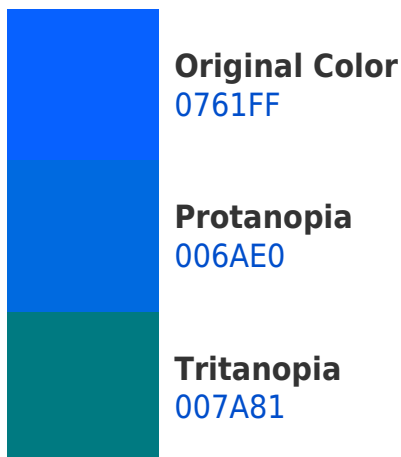


This preview shows how white text looks on a background with the Hex color 0761FF.

# 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



# Trichromacy



**Original Color**  
0761FF

**Protanomaly**  
0367EB

**Tritanomaly**  
0371AF

# Monochromacy



**Original Color**  
0761FF

**Achromatopsia**  
585858

**Achromatomaly**  
3B5B95

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0761FF 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 #0761FF looks like.

```
.text, #text, p{  
    color:#0761FF  
}
```

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 #0761FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0761FF
}
```

## Border

The CSS property to change the border of an element to Hex 0761FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

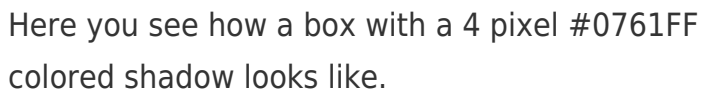
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0761FF }
```

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

```
.border{ border-color:#0761FF }
```

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



Here you see how a box with a 4 pixel #0761FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0761FF; -webkit-box-shadow:4px 4px  
4px 4px #0761FF; box-shadow:4px 4px 4px  
4px #0761FF }
```

# Background

The CSS property to change the background color of an element to Hex 0761FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0761FF }
```

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

```
.background{ background-color:#0761FF }
```

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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