

# Converting Colors

Hex(077FFC)

Have a look what the booklet for  
Hex(077FFC) contains.

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# Color

Hex(077FFC)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	077FFC
RGB	7, 127, 252
RGB Percent	3%, 50%, 99%
CMY	0.9725, 0.5020, 0.0118
CMYK	0.97, 0.50, 0.00, 0.01
HSL	211°, 98%, 51%
HSV	211°, 97%, 99%
XYZ	25.2477, 22.2522, 95.0599
YIQ	105.3700, -111.6450, 13.4350

# Conversions

## Conversions Part 2

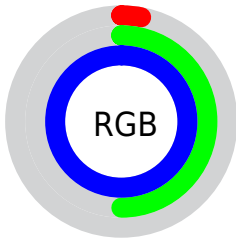
<b>Format</b>	<b>Color</b>
<b>RYB</b>	7, 88, 252
Decimal	491516
CIELab	54.29, 18.42, -69.95
CIELCh	54, 72.340, 284.755
Yxy	22.2522, 0.1771, 0.1561
Android (android.graphics.Color)	4278681596 (0xFF077FFC)
YUV	105.3700, 72.2886, -86.2705
Hunter-Lab	47.1722, 12.9860, -86.4586

# Details

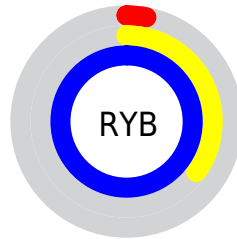
The Hex color **077FFC** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark saturated azure. A complement of this color would be **FC8407**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **71B3FF**, and **004FC2** is the 20% darker color. If you saturate the color by 10%, you get **007BFC**, and if you desaturate by 10%, it is **208CFC**.

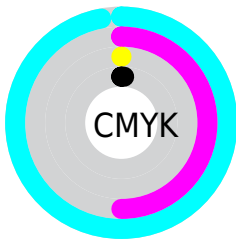
# Distribution



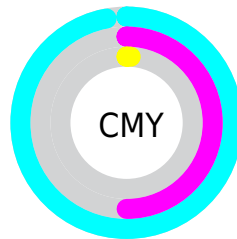
- Red (3%)
- Green (50%)
- Blue (99%)



- Red (3%)
- Yellow (35%)
- Blue (99%)



- Cyan (97%)
- Magenta (50%)
- Yellow (0%)
- Black (1%)



- Cyan (97%)
- Magenta (50%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 077FFC 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 077FFC by changing the saturation by 10% instead.



 077FFC

 077FFC

FFFFFF

 0067DF

 71B3FF

 004FC2

 93CEFF

 003AA7

 B3EAFF

 00268B

 D3FFFF

 001371

 F3FFFF

 000C58

 00073F

 000328

 000112

■ 077FFC

■ 077FFC

■ 007BFC

■ 208CFC

■ 3999FC

■ 53A6FC

■ 6CB2FC

■ 85BFFC

■ 9ECCFC

■ B7D9FC

■ D1E6FC

■ EAF3FC

# Harmonies

## Analogous

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



0092FB



077FFC



AA61DC

# Triad

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



077FFC



DE552A



009B5F

# Complementary

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



077FFC



FC8407

# 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.



30951A



077FFC



B77300

# Square

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



077FFC



EF3966



808900



009EAO

# Rectangle

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



077FFC



D34AB8



808900



009A49

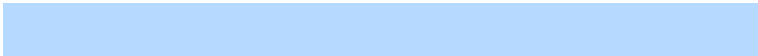


# Sweetspot

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



077FFC



B5D9FF



07FC82



536980



000000



808080



# Same Dimension

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



077FFC



007DFF



0707FC



70777D



005CBD



001E3D



# Inverse Universe

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



FC077F



FF007D



FCFC07



7D7077



BD005C



3D001E



# Previews

## White Background



This preview shows how the Hex color 077FFC looks on a white 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

# Black 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

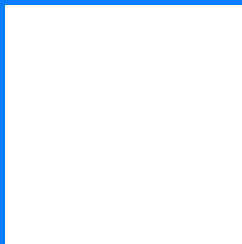
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 077FFC Background



This preview shows how black text looks on a background with the Hex color 077FFC.



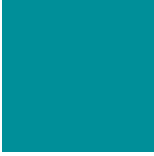
This preview shows how white text looks on a background with the Hex color 077FFC.

# 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



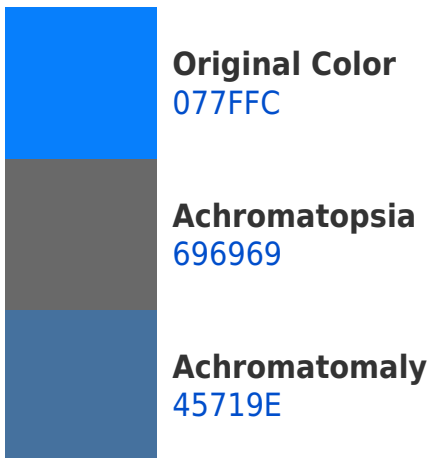


**Tritanopia**  
008F99

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 077FFC 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 #077FFC looks like.

```
.text, #text, p{  
    color:#077FFC  
}
```

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 #077FFC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #077FFC
}
```

## Border

The CSS property to change the border of an element to Hex 077FFC 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
#077FFC }
```

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

```
.border{ border-color:#077FFC }
```

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

Here you see how a box with a 4 pixel #077FFC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #077FFC; -webkit-box-shadow:4px 4px  
4px 4px #077FFC; box-shadow:4px 4px 4px  
4px #077FFC }
```

# Background

The CSS property to change the background color of an element to Hex 077FFC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#077FFC }
```

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

```
.background{ background-color:#077FFC }
```

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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