

# Converting Colors

Hex(0977F6)

Have a look what the booklet for  
Hex(0977F6) contains.

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# Color

**Hex(0977F6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0977F6
RGB	9, 119, 246
RGB Percent	4%, 47%, 96%
CMY	0.9647, 0.5333, 0.0353
CMYK	0.96, 0.52, 0.00, 0.04
HSL	212°, 93%, 50%
HSV	212°, 96%, 96%
XYZ	23.3440, 19.9055, 89.8006
YIQ	100.5880, -106.3270, 16.1770

# Conversions

## Conversions Part 2

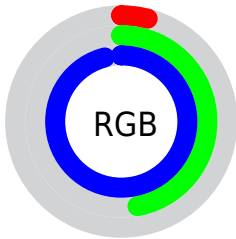
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	9, 84, 246
Decimal	620534
CIE Lab	51.73, 21.18, -70.78
CIE LCh	52, 73.884, 286.661
Yxy	19.9055, 0.1755, 0.1496
Android (android.graphics.Color)	4278810614 (0xFF0977F6)
YUV	100.5880, 71.6881, -80.3227
Hunter-Lab	44.6156, 15.3184, -88.1056

# Details

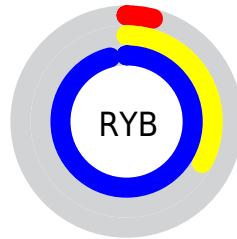
The Hex color **0977F6** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark saturated azure. A complement of this color would be **F68809**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **70AAFF**, and **0048BD** is the 20% darker color. If you saturate the color by 10%, you get **0072F6**, and if you desaturate by 10%, it is **2284F6**.

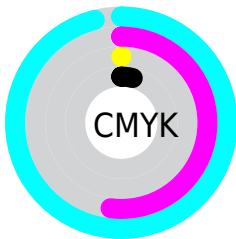
# Distribution



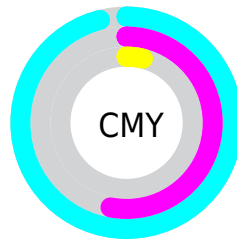
- Red (4%)
- Green (47%)
- Blue (96%)



- Red (4%)
- Yellow (33%)
- Blue (96%)



- Cyan (96%)
- Magenta (52%)
- Yellow (0%)
- Black (4%)



- Cyan (96%)
- Magenta (53%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0977F6 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 0977F6 by changing the saturation by 10% instead.



0977F6

0977F6

FFFFFF

005FD9

70AAFF

0048BD

91C5FF

0033A1

B2E1FF

002086

D1FEFF

00096C

F1FFFF

000B53

00063A

000224

00000C

■ 0977F6

■ 0977F6

■ 0072F6

■ 2284F6

■ 3A91F6

■ 539FF6

■ 6BACF6

■ 84B9F6

■ 9DC6F6

■ B5D3F6

■ CEE0F6

■ E6EEF6

# Harmonies

## Analogous

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



008BF7



0977F6



A857D3

# Triad

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



0977F6



D54F1D



00955C

# Complementary

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



0977F6



F68809

# 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.



158F13



0977F6



AC6E00

# Square

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



0977F6



E82D5B



758300



00979E

# Rectangle

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



0977F6



D03EAF



758300



009446



# Sweetspot

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



0977F6



B5D7FF



09F687



536880



000000



808080



# Same Dimension

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



0977F6



0076FF



1109F6



6E747A



0056BA



001B3B



# Inverse Universe

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



F60977



FF0076



EEF609



7A6E74



BA0056



3B001B



# Previews

## White Background



This preview shows how the Hex color 0977F6 looks on a white background.

## Color Contrast Check

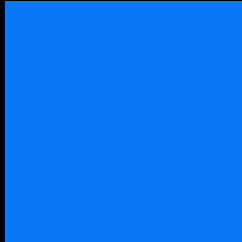
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 0977F6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

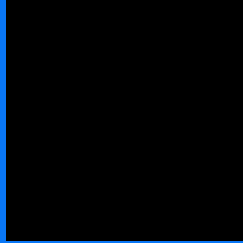
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

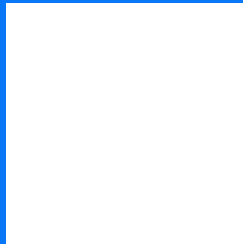
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0977F6 Background



This preview shows how black text looks on a background with the Hex color 0977F6.

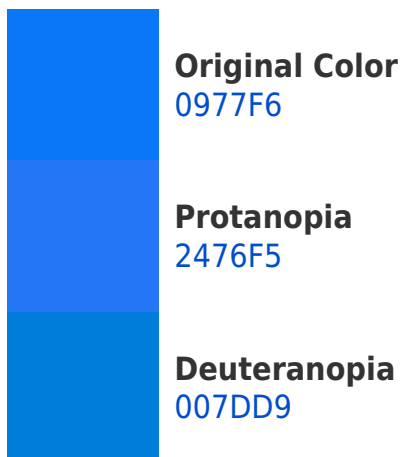


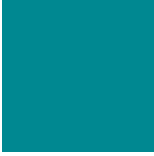
This preview shows how white text looks on a background with the Hex color 0977F6.

# 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**  
008891

# Trichromacy



**Original Color**  
0977F6

**Protanomaly**  
1A76F5

**Deuteranomaly**  
037BE4

**Tritanomaly**  
0382B6

# Monochromacy



**Original Color**  
0977F6

**Achromatopsia**  
656565

**Achromatomaly**  
446C9A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0977F6 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 #0977F6 looks like.

```
.text, #text, p{  
    color:#0977F6  
}
```

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 #0977F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0977F6
}
```

## Border

The CSS property to change the border of an element to Hex 0977F6 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
#0977F6 }
```

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

```
.border{ border-color:#0977F6 }
```

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

Here you see how a box with a 4 pixel #0977F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0977F6; -webkit-box-shadow:4px 4px  
4px 4px #0977F6; box-shadow:4px 4px 4px  
4px #0977F6 }
```

# Background

The CSS property to change the background color of an element to Hex 0977F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0977F6 }
```

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

```
.background{ background-color:#0977F6 }
```

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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