

# Converting Colors

Hex(0996FF)

Have a look what the booklet for  
Hex(0996FF) contains.

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**Color**

**Hex(0996FF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0996FF
RGB	9, 150, 255
RGB Percent	4%, 59%, 100%
CMY	0.9647, 0.4118, 0.0000
CMYK	0.96, 0.41, 0.00, 0.00
HSL	206°, 100%, 52%
HSV	206°, 96%, 100%
XYZ	29.0690, 29.0908, 98.6907
YIQ	119.8110, -117.7410, 2.7630

# Conversions

## Conversions Part 2

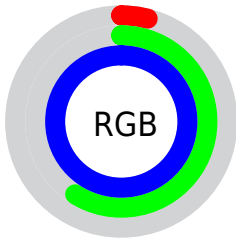
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	9, 99, 255
Decimal	628479
CIE Lab	60.86, 5.57, -61.03
CIE LCh	61, 61.288, 275.218
Yxy	29.0908, 0.1853, 0.1855
Android (android.graphics.Color)	4278818559 (0xFF0996FF)
YUV	119.8110, 66.6482, -97.1812
Hunter-Lab	53.9359, 1.8157, -70.7325

# Details

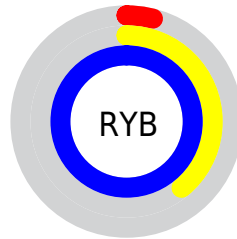
The Hex color **0996FF** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **FF7209**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **71CCFF**, and **0064C6** is the 20% darker color. If you saturate the color by 10%, you get **0092FF**, and if you desaturate by 10%, it is **22A1FF**.

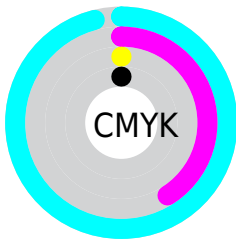
# Distribution



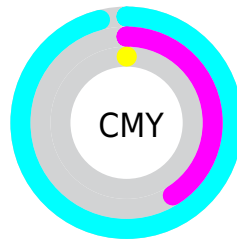
- Red (4%)
- Green (59%)
- Blue (100%)



- Red (4%)
- Yellow (39%)
- Blue (100%)



- Cyan (96%)
- Magenta (41%)
- Yellow (0%)
- Black (0%)



- Cyan (96%)
- Magenta (41%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0996FF 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 0996FF by changing the saturation by 10% instead.



 0996FF

 0996FF

FFFFFF

 007DE2

 71CCFF

 0064C6

 93E8FF

 004DAA

 B4FFFF

 00378F

 D4FFFF

 002374

 F4FFFF


 000C5B


 000743

 00032C

 000116

 0996FF

 0996FF

 0092FF

 22A1FF

 3CACFF

 56B7FF

 6FC2FF

 89CCFF

 A2D7FF

 BCE2FF

 D5EDFF

 EFF8FF

# Harmonies

## Analogous

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



00A4F5



0996FF



A180EC

# Triad

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



0996FF



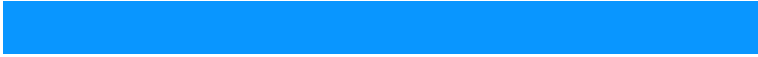
EE6957



00A963

# Complementary

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



0996FF



FF7209

# 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.



6DA132



0996FF



D27F2C

# Square

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



0996FF



F45E8C



A69316



00AC9B

# Rectangle

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



0996FF



CC70D1



A69316



36A752

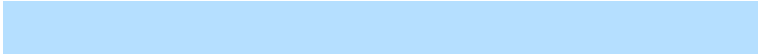


# Sweetspot

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



0996FF



B5DFFF



09FF70



536C80



000000



808080



# Same Dimension

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



0996FF



0092FF



091DFF



737A80



006EBF



002540



# Inverse Universe

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



FF0996



FF0092



FFEB09



80737A



BF006E



400025



# Previews

## White Background



This preview shows how the Hex color 0996FF looks on a white background.

## Color Contrast Check

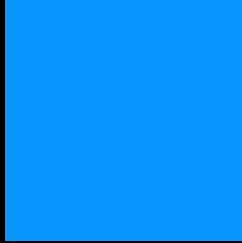
Large Text (above 18pt) WCAG AA ✓ Pass

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 0996FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

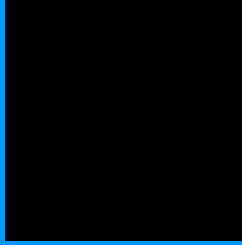
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

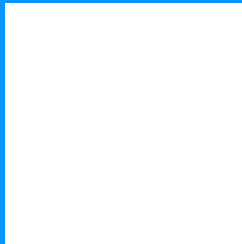
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0996FF Background



This preview shows how black text looks on a background with the Hex color 0996FF.



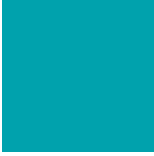
This preview shows how white text looks on a background with the Hex color 0996FF.

# 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](#).

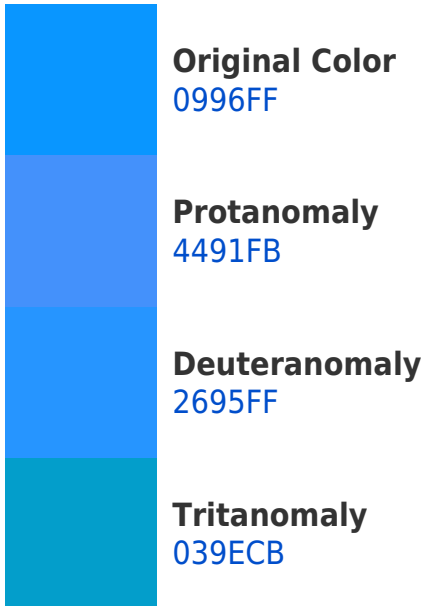
## Dichromacy



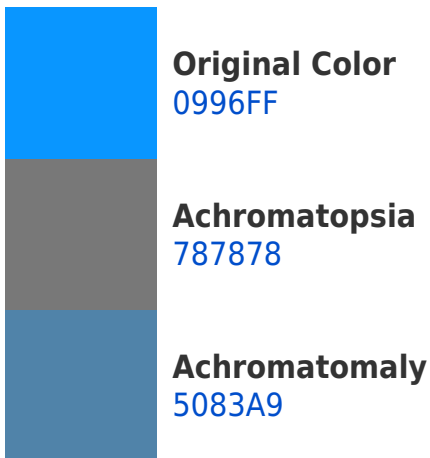


**Tritanopia**  
00A2AD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0996FF 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 #0996FF looks like.

```
.text, #text, p{  
    color:#0996FF  
}
```

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 #0996FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0996FF
}
```

## Border

The CSS property to change the border of an element to Hex 0996FF 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
#0996FF }
```

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

```
.border{ border-color:#0996FF }
```

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

Here you see how a box with a 4 pixel #0996FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0996FF; -webkit-box-shadow:4px 4px  
4px 4px #0996FF; box-shadow:4px 4px 4px  
4px #0996FF }
```

# Background

The CSS property to change the background color of an element to Hex 0996FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0996FF }
```

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

```
.background{ background-color:#0996FF }
```

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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