

# Converting Colors

Hex(966DFF)

Have a look what the booklet for  
Hex(966DFF) contains.

<b>Hex(966DFF)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(966DFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	966DFF
RGB	150, 109, 255
RGB Percent	59%, 43%, 100%
CMY	0.4118, 0.5725, 0.0000
CMYK	0.41, 0.57, 0.00, 0.00
HSL	257°, 100%, 71%
HSV	257°, 57%, 100%
XYZ	36.0963, 24.6413, 97.4615
YIQ	137.9030, -22.4300, 54.0980

# Conversions

## Conversions Part 2

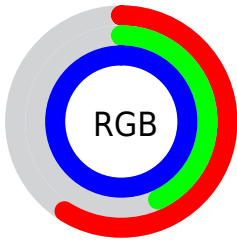
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	150, 109, 255
Decimal	9858559
CIE Lab	56.72, 48.62, -67.36
CIE LCh	57, 83.074, 305.821
Yxy	24.6413, 0.2282, 0.1558
Android (android.graphics.Color)	4288048639 (0xFF966DFF)
YUV	137.9030, 57.7288, 10.6091
Hunter-Lab	49.6400, 42.9283, -81.6600

# Details

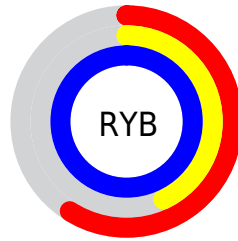
The Hex color **966DFF** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **D6FF6D**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **D1A2FF**, and **5B3BC5** is the 20% darker color. If you saturate the color by 10%, you get **8454FF**, and if you desaturate by 10%, it is **A887FF**.

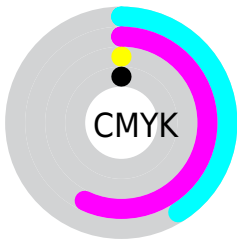
# Distribution



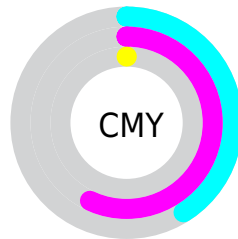
- Red (59%)
- Green (43%)
- Blue (100%)



- Red (59%)
- Yellow (43%)
- Blue (100%)



- Cyan (41%)
- Magenta (57%)
- Yellow (0%)
- Black (0%)



- Cyan (41%)
- Magenta (57%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 966DFF 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 966DFF by changing the saturation by 10% instead.



 966DFF

 966DFF

FFFFFF

 7954E2

 D1A2FF

 5B3BC5

 EFBDFE

 3B23A9

 FFDAFF

 0F088E

 FFF6FF

 000074

 00005A

 000742

 00032B

 000115

 966DFF

 966DFF

 8454FF

 A887FF

 713AFF

 BBA0FF

 5F21FF

 CDBAFF

 4D07FF

 DFD3FF

 4800FF

 F2EDFF

FFFFFF

# Harmonies

## Analogous

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



008DFF



966DFF



E740C5

# Triad

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



966DFF



D26D00



00A795

# Complementary

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



966DFF



D6FF6D

# 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.



00A348



966DFF



988A00

# Square

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



966DFF



F94437



499B00



00A6DC

# Rectangle

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



966DFF



FF2396



499B00



00A67B



# Sweetspot

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



966DFF



E0D4FF



6DD8FF



6D6680



000000



808080



# Same Dimension

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



966DFF



804FFF



DD6DFF



767380



3600BF



120040



# Inverse Universe

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



FF6DD6



FF4FCE



8FFF6D



80737C



BF008A

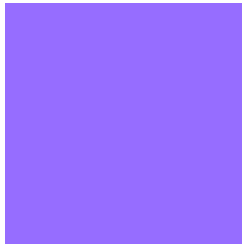


40002E



# Previews

## White Background



This preview shows how the Hex color 966DFF looks on a white background.

## Color Contrast Check

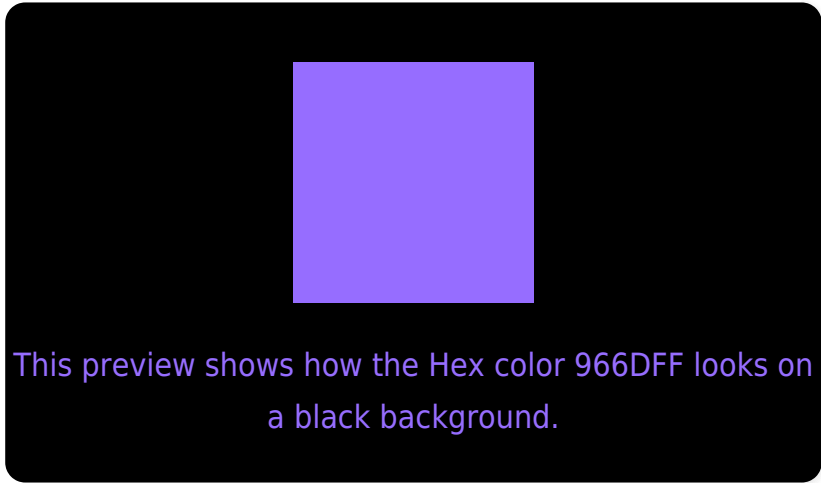
Large Text (above 18pt) WCAG AA ✓ Pass

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

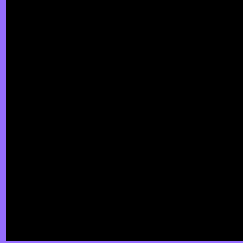
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 966DFF Background



This preview shows how black text looks on a background with the Hex color 966DFF.

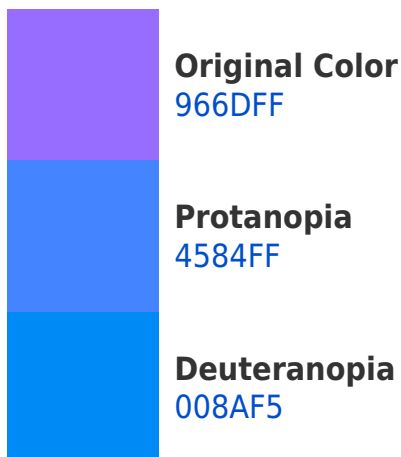


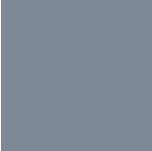
This preview shows how white text looks on a background with the Hex color 966DFF.

# 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**  
7D8994

# Trichromacy



**Original Color**  
966DFF



**Protanomaly**  
627CFF



**Deuteranomaly**  
377FF9



**Tritanomaly**  
867FBB

# Monochromacy



**Original Color**  
966DFF



**Achromatopsia**  
8A8A8A



**Achromatomaly**  
8E7FB5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 966DFF 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 #966DFF looks like.

```
.text, #text, p{  
  color:#966DFF  
}
```

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 #966DFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #966DFF
}
```

## Border

The CSS property to change the border of an element to Hex 966DFF 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
#966DFF }
```

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

```
.border{ border-color:#966DFF }
```

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

Here you see how a box with a 4 pixel #966DFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #966DFF; -webkit-box-shadow:4px 4px  
4px 4px #966DFF; box-shadow:4px 4px 4px  
4px #966DFF }
```

# Background

The CSS property to change the background color of an element to Hex 966DFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#966DFF }
```

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

```
.background{ background-color:#966DFF }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor