

# Converting Colors

Hex(969CFF)

Have a look what the booklet for  
Hex(969CFF) contains.

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# **Color**

**Hex(969CFF)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 969CFF                      |
| RGB         | 150, 156, 255               |
| RGB Percent | 59%, 61%, 100%              |
| CMY         | 0.4118, 0.3882, 0.0000      |
| CMYK        | 0.41, 0.39, 0.00, 0.00      |
| HSL         | 237°, 100%, 79%             |
| HSV         | 237°, 41%, 100%             |
| XYZ         | 42.5161, 37.4810, 99.6014   |
| YIQ         | 165.4920, -35.3550, 29.5170 |

# Conversions

## Conversions Part 2

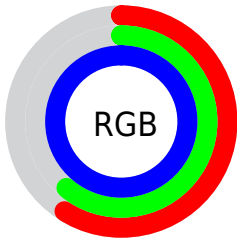
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 150, 156, 255                  |
| Decimal                             | 9870591                        |
| CIE <sub>Lab</sub>                  | 67.64, 21.89, -49.95           |
| CIE <sub>LCh</sub>                  | 68, 54.533, 293.666            |
| Yxy                                 | 37.4810, 0.2367,<br>0.2087     |
| Android<br>(android.graphics.Color) | 4288060671<br>(0xFF969CFF)     |
| YUV                                 | 165.4920, 44.1274,<br>-13.5865 |
| Hunter-Lab                          | 61.2217, 16.8235,<br>-53.6036  |

# Details

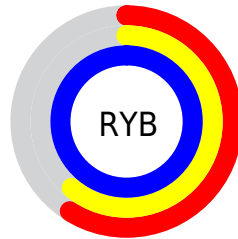
The Hex color **969CFF** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **FFF996**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **D0D2FF**, and **5D69C6** is the 20% darker color. If you saturate the color by 10%, you get **7D84FF**, and if you desaturate by 10%, it is **B0B4FF**.

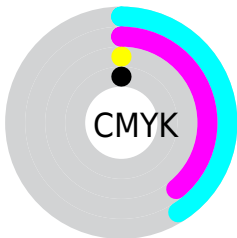
# Distribution



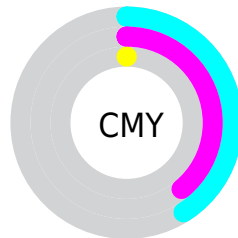
- Red (59%)
- Green (61%)
- Blue (100%)



- Red (59%)
- Yellow (61%)
- Blue (100%)



- Cyan (41%)
- Magenta (39%)
- Yellow (0%)
- Black (0%)



- Cyan (41%)
- Magenta (39%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 969CFF 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 969CFF by changing the saturation by 10% instead.



 969CFF

 969CFF

FFFFFF

 7A82E2

 D0D2FF

 5D69C6

 EDEFFF

 4051AA

 1E3A8F

 002575

 00125C

 000044

 00032C

 000117

 969CFF

 969CFF

 7D84FF

 B0B4FF

 636CFF


 C9CCFF

 4A54FF

 E3E4FF

 303CFF

 FCFCFF

 1724FF

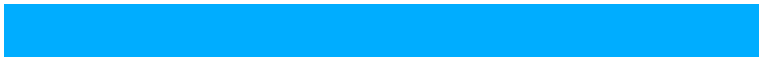
FFFFFF

 000FFF

# Harmonies

## Analogous

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



00ADFF



969CFF



D788E0

# Triad

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



969CFF



ED8C57



00BD98

# Complementary

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



969CFF



FFF996

# 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.



5DB868



969CFF



CA9F3F

# Square

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



969CFF



FF7D80



9AAE46



00BDCB

# Rectangle

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



969CFF



F17EC2



9AAE46



00BB87



# Sweetspot

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



969CFF



E0E2FF



96FFF8



6E6F80



000000



808080



# Same Dimension

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



969CFF



8289FF



C496FF



737380



000BBF



000440



# Inverse Universe

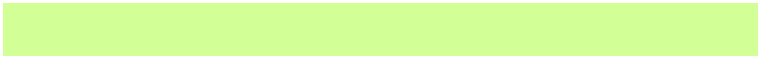
The Inverse Universe completely reimagines the original color for something new.



FF969C



FF8289



D2FF96



807373



BF000B

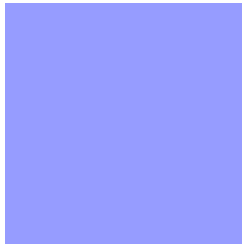


400004



# Previews

## White Background



This preview shows how the Hex color 969CFF looks on a white background.

## Color Contrast Check

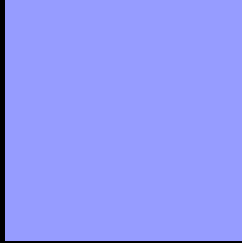
Large Text (above 18pt) WCAG AA × Fail

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 969CFF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

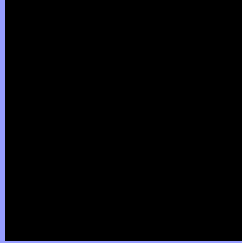
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 969CFF Background



This preview shows how black text looks on a background with the Hex color 969CFF.

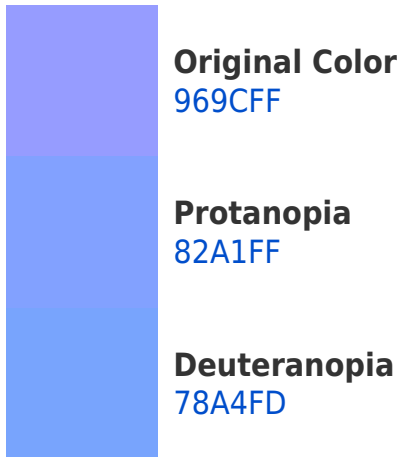


This preview shows how white text looks on a background with the Hex color 969CFF.

# 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](#).

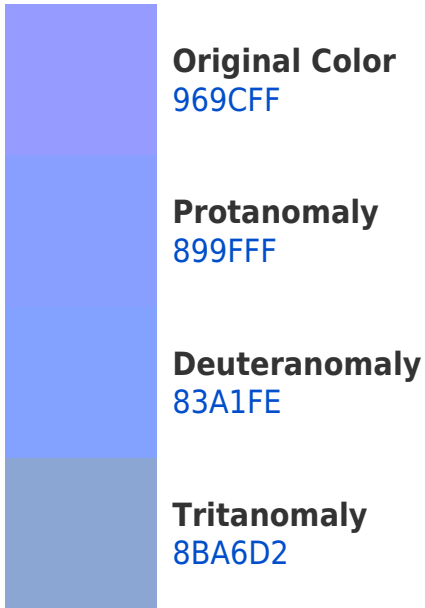
## Dichromacy



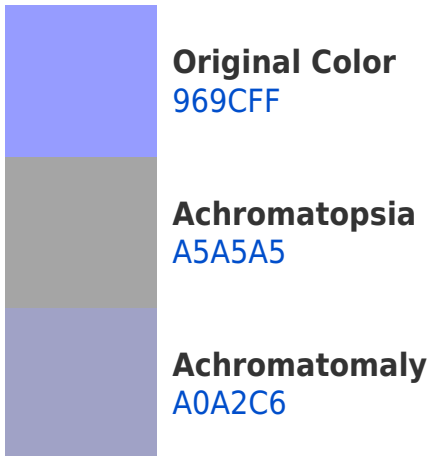


**Tritanopia**  
84ABB9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 969CFF 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 #969CFF looks like.

```
.text, #text, p{  
  color:#969CFF  
}
```

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 #969CFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #969CFF
}
```

## Border

The CSS property to change the border of an element to Hex 969CFF 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
#969CFF }
```

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

```
.border{ border-color:#969CFF }
```

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

Here you see how a box with a 4 pixel #969CFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #969CFF; -webkit-box-shadow:4px 4px  
4px 4px #969CFF; box-shadow:4px 4px 4px  
4px #969CFF }
```

# Background

The CSS property to change the background color of an element to Hex 969CFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#969CFF }
```

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

```
.background{ background-color:#969CFF }
```

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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