

# Converting Colors

Hex(967CFF)

Have a look what the booklet for  
Hex(967CFF) contains.

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**Color**

**Hex(967CFF)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 967CFF                      |
| RGB         | 150, 124, 255               |
| RGB Percent | 59%, 49%, 100%              |
| CMY         | 0.4118, 0.5137, 0.0000      |
| CMYK        | 0.41, 0.51, 0.00, 0.00      |
| HSL         | 252°, 100%, 74%             |
| HSV         | 252°, 51%, 100%             |
| XYZ         | 37.8353, 28.1193, 98.0412   |
| YIQ         | 146.7080, -26.5550, 46.2530 |

# Conversions

## Conversions Part 2

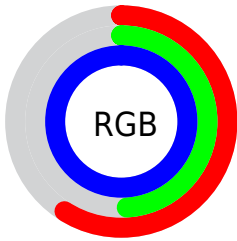
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 150, 124, 255                 |
| Decimal                             | 9862399                       |
| CIE <sub>Lab</sub>                  | 60.00, 40.24, -62.10          |
| CIE <sub>LCh</sub>                  | 60, 73.997, 302.942           |
| Yxy                                 | 28.1193, 0.2307,<br>0.1715    |
| Android<br>(android.graphics.Color) | 4288052479<br>(0xFF967CFF)    |
| YUV                                 | 146.7080, 53.3880,<br>2.8871  |
| Hunter-Lab                          | 53.0277, 34.5616,<br>-72.5000 |

# Details

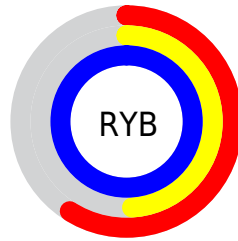
The Hex color **967CFF** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **E5FF7C**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **D1B1FF**, and **5C4AC5** is the 20% darker color. If you saturate the color by 10%, you get **8263FF**, and if you desaturate by 10%, it is **AA96FF**.

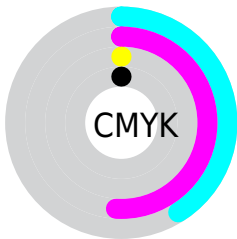
# Distribution



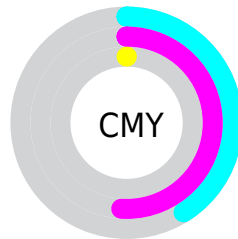
- Red (59%)
- Green (49%)
- Blue (100%)



- Red (59%)
- Yellow (49%)
- Blue (100%)



- Cyan (41%)
- Magenta (51%)
- Yellow (0%)
- Black (0%)



- Cyan (41%)
- Magenta (51%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 967CFF 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 967CFF by changing the saturation by 10% instead.



 967CFF

 967CFF

FFFFFF

 7963E2

 D1B1FF

 5C4AC5

 EECDFE

 3D33AA

 FFE9FF

 161C8E

 000774

 00005B

 000742

 00032B

 000115

 967CFF

 967CFF

 8263FF

 AA96FF

 6D49FF

 BFAFFF

 5930FF

 D3C9FF

 4416FF

 E8E2FF

 3300FF

 FCFCFF

 FFFFFFFF

# Harmonies

## Analogous

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



0097FF



967CFF



E35BCD

# Triad

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



967CFF



DB7608



00AE95

# Complementary

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



967CFF



E5FF7C

# 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.



00AA51



967CFF



A89000

# Square

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



967CFF



FC574E



65A100



00ADD6

# Rectangle

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



967CFF



FC4AA3



65A100



00AD7E



# Sweetspot

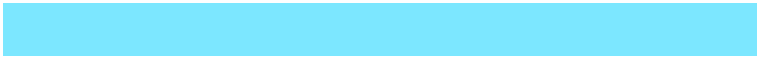
The Sweet Spot groups the original color and five complimentary colors.



967CFF



E0D9FF



7CE7FF



6D6980



000000



808080



# Same Dimension

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



967CFF



8061FF



D67CFF



757380



2600BF



0D0040



# Inverse Universe

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



FF7CE5



FF61E0



A5FF7C



80737D



BF0099

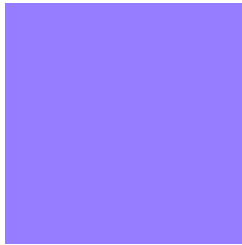


400033



# Previews

## White Background



This preview shows how the Hex color 967CFF looks on a white background.

## Color Contrast Check

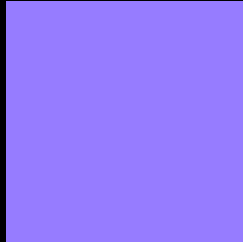
Large Text (above 18pt) WCAG AA ✓ Pass

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 967CFF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

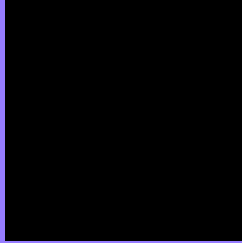
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 967CFF Background



This preview shows how black text looks on a background with the Hex color 967CFF.

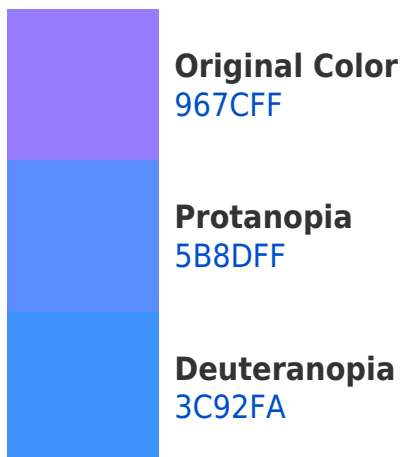


This preview shows how white text looks on a background with the Hex color 967CFF.

# 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](#).

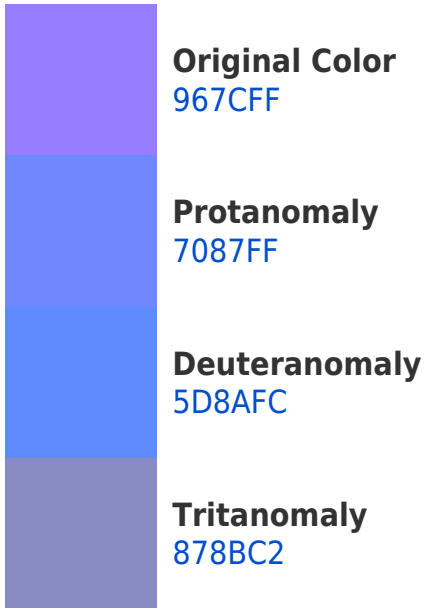
## Dichromacy



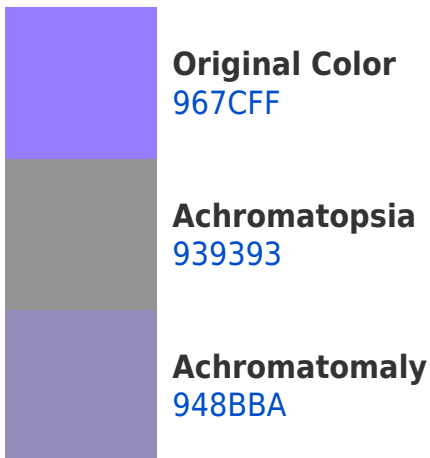


**Tritanopia**  
7F949F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 967CFF 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 #967CFF looks like.

```
.text, #text, p{  
    color:#967CFF  
}
```

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 #967CFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #967CFF
}
```

## Border

The CSS property to change the border of an element to Hex 967CFF is called "border". The border property can be set on classes, ids or directly on the HTML element.

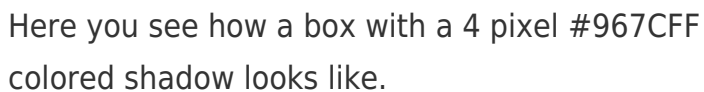
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#967CFF }
```

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

```
.border{ border-color:#967CFF }
```

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



Here you see how a box with a 4 pixel #967CFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #967CFF; -webkit-box-shadow:4px 4px  
4px 4px #967CFF; box-shadow:4px 4px 4px  
4px #967CFF }
```

# Background

The CSS property to change the background color of an element to Hex 967CFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#967CFF }
```

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

```
.background{ background-color:#967CFF }
```

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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