

# Converting Colors

Hex(987CF5)

Have a look what the booklet for  
Hex(987CF5) contains.

<b>Hex(987CF5)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(987CF5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	987CF5
RGB	152, 124, 245
RGB Percent	60%, 49%, 96%
CMY	0.4039, 0.5137, 0.0392
CMYK	0.38, 0.49, 0.00, 0.04
HSL	254°, 86%, 72%
HSV	254°, 49%, 96%
XYZ	36.6380, 27.6833, 89.7986
YIQ	146.1660, -22.1530, 43.5670

# Conversions

## Conversions Part 2

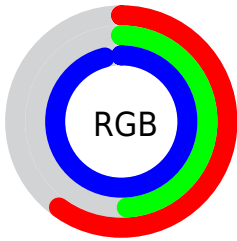
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	152, 124, 245
Decimal	9993461
CIE <sub>Lab</sub>	59.60, 38.02, -57.21
CIE <sub>LCh</sub>	60, 68.691, 303.607
Y <sub>xy</sub>	27.6833, 0.2377, 0.1796
Android (android.graphics.Color)	4288183541 (0xFF987CF5)
YUV	146.1660, 48.7252, 5.1164
Hunter-Lab	52.6149, 32.2210, -64.3606

# Details

The Hex color **987CF5** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **D9F57C**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **D2B1FF**, and **5F4ABC** is the 20% darker color. If you saturate the color by 10%, you get **8564F5**, and if you desaturate by 10%, it is **AB94F5**.

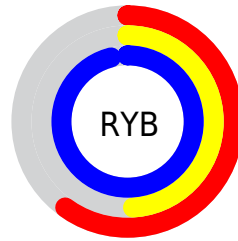
# Distribution



Red (60%)

Green (49%)

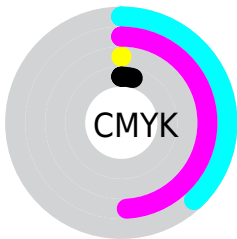
Blue (96%)



Red (60%)

Yellow (49%)

Blue (96%)

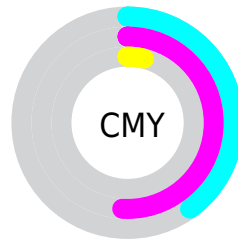


Cyan (38%)

Magenta (49%)

Yellow (0%)

Black (4%)



Cyan (40%)

Magenta (51%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 987CF5 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 987CF5 by changing the saturation by 10% instead.



 987CF5

 987CF5

FFFFFF

 7C63D8

 D2B1FF

 5F4ABC

 EFCDFE

 4233A0

 FFE9FF

 211C86

 00076C

 000053

 00063A

 000224

 00000C

 987CF5

 987CF5

 8564F5

 AB94F5

 724BF5

 BEADF5

 6033F5

 D0C5F5

 4D1AF5

 E3DEF5

 3A02F5

 F6F6F5

 3900F5

 FFFFF5

# Harmonies

## Analogous

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



0095FF



987CF5



DD5FC6

# Triad

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



987CF5



D57819



00AB95

# Complementary

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



987CF5



D9F57C

# 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.



00A757



987CF5



A58F00

# Square

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



987CF5



F45D50



679F19



00AAD1

# Rectangle

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



987CF5



F4519F



679F19



00AA80



# Sweetspot

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



987CF5



E2D9FF



7CDBF5



6E6980



000000



808080



# Same Dimension

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



987CF5



8B69FF



D37CF5



716E7A



2B00BA



0E003B



# Inverse Universe

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



F57CD9



FF69DC



9EF57C



7A6E78



BA008F

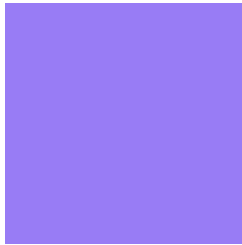


3B002D



# Previews

## White Background



This preview shows how the Hex color 987CF5 looks on a white background.

## Color Contrast Check

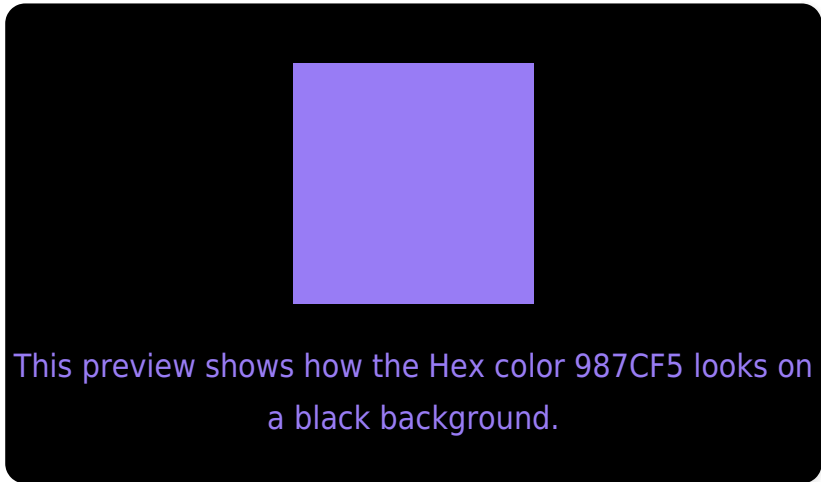
Large Text (above 18pt) WCAG AA ✓ Pass

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 987CF5 Background



This preview shows how black text looks on a background with the Hex color 987CF5.

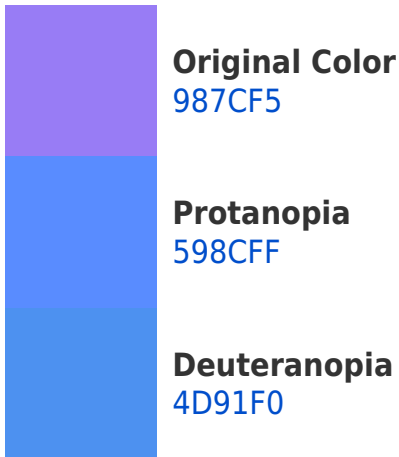


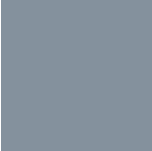
This preview shows how white text looks on a background with the Hex color 987CF5.

# 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](#).

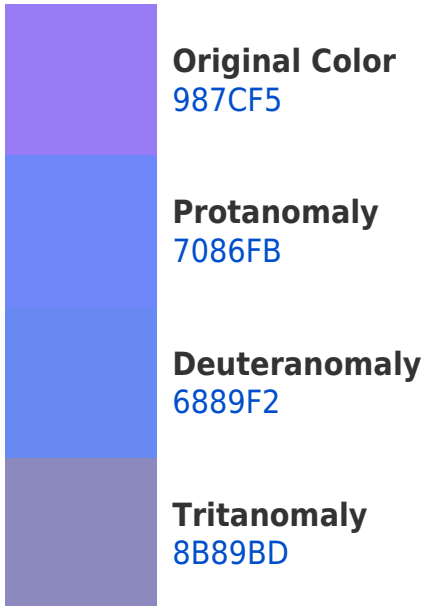
## Dichromacy



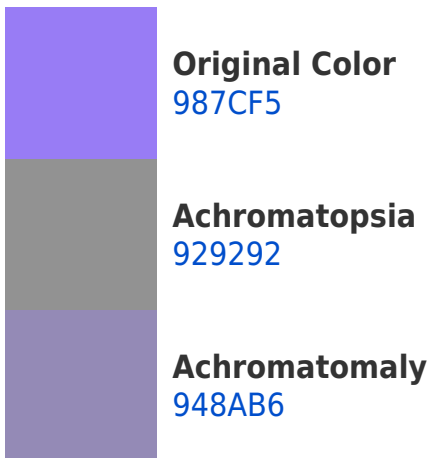


**Tritanopia**  
84919D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 987CF5 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 #987CF5 looks like.

```
.text, #text, p{  
    color:#987CF5  
}
```

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 #987CF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #987CF5  
}
```

## Border

The CSS property to change the border of an element to Hex 987CF5 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  
#987CF5 }
```

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

```
.border{ border-color:#987CF5 }
```

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

Here you see how a box with a 4 pixel #987CF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #987CF5; -webkit-box-shadow:4px 4px  
4px 4px #987CF5; box-shadow:4px 4px 4px  
4px #987CF5 }
```

# Background

The CSS property to change the background color of an element to Hex 987CF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#987CF5 }
```

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

```
.background{ background-color:#987CF5 }
```

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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