

# Converting Colors

Hex(9F8CF4)

Have a look what the booklet for  
Hex(9F8CF4) contains.

<b>Hex(9F8CF4)</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(9F8CF4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9F8CF4
RGB	159, 140, 244
RGB Percent	62%, 55%, 96%
CMY	0.3765, 0.4510, 0.0431
CMYK	0.35, 0.43, 0.00, 0.04
HSL	251°, 83%, 75%
HSV	251°, 43%, 96%
XYZ	40.0053, 32.6587, 89.7832
YIQ	157.5370, -22.0600, 36.3720

# Conversions

## Conversions Part 2

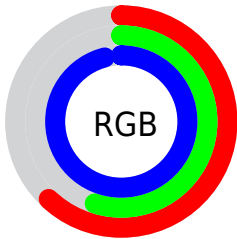
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	159, 140, 244
Decimal	10456308
CIE Lab	63.88, 30.38, -49.82
CIE LCh	64, 58.351, 301.381
Yxy	32.6587, 0.2463, 0.2010
Android (android.graphics.Color)	4288646388 (0xFF9F8CF4)
YUV	157.5370, 42.6263, 1.2831
Hunter-Lab	57.1478, 24.9469, -53.1452

# Details

The Hex color **9F8CF4** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **E1F48C**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **D8C2FF**, and **675ABB** is the 20% darker color. If you saturate the color by 10%, you get **8B74F4**, and if you desaturate by 10%, it is **B3A4F4**.

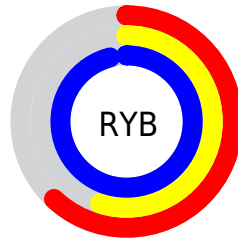
# Distribution



Red (62%)

Green (55%)

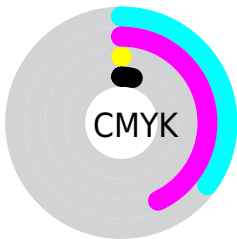
Blue (96%)



Red (62%)

Yellow (55%)

Blue (96%)

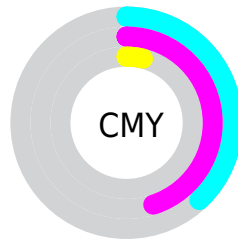


Cyan (35%)

Magenta (43%)

Yellow (0%)

Black (4%)



Cyan (38%)

Magenta (45%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F8CF4 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 9F8CF4 by changing the saturation by 10% instead.



9F8CF4

9F8CF4

FFFFFF

8372D7

D8C2FF

675ABB

F6DEFF

4C42A0

FFFAFF

2F2B85

08166B

000052

00023B

000224

00000C

 9F8CF4

 9F8CF4

 8B74F4

 B3A4F4

 775BF4

 C7BDF4

 6343F4

 DBD5F4

 4F2AF4

 EFEEF4

 3B12F4

 FFFFF4

 2D00F4

# Harmonies

## Analogous

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



0FA0FF



9F8CF4



DC76CE

# Triad

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



9F8CF4



DD853E



00B49C

# Complementary

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



9F8CF4



E1F48C

# 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.



2FB067



9F8CF4



B49929

# Square

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



9F8CF4



F67268



80A73B



00B3D0

# Rectangle

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



9F8CF4



F26DAC



80A73B



00B389



# Sweetspot

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



9F8CF4



E4DEFF



8CE3F4



6F6B80



000000



808080



# Same Dimension

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



9F8CF4



957DFF



D18CF4



706E7A



2200BA



0B003B



# Inverse Universe

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



F48CE1



FF7DE7



AFF48C



7A6E78



BA0098

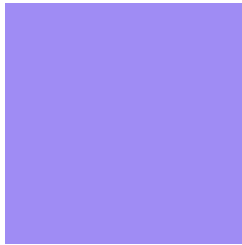


3B0030



# Previews

## White Background



This preview shows how the Hex color 9F8CF4 looks on a white background.

## Color Contrast Check

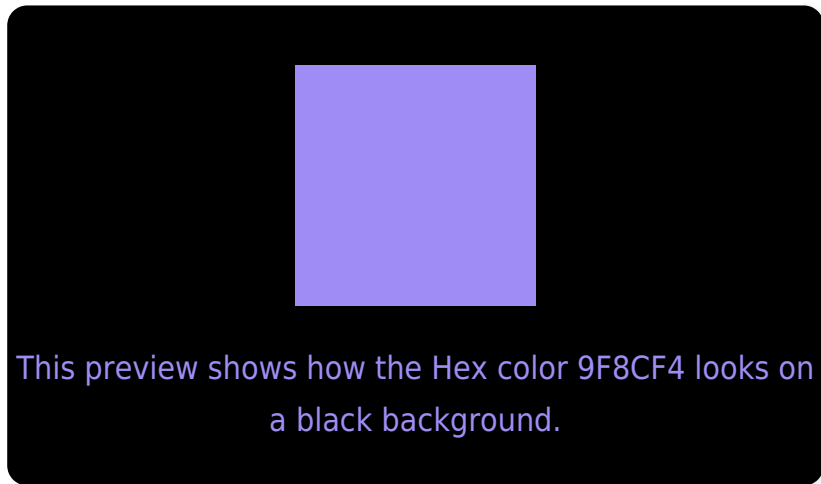
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

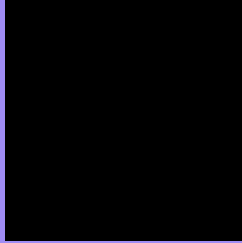
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9F8CF4 Background



This preview shows how black text looks on a background with the Hex color 9F8CF4.

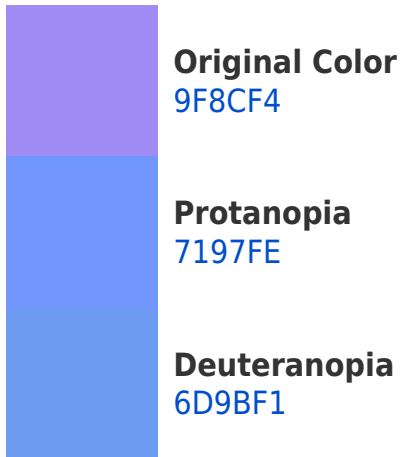


This preview shows how white text looks on a background with the Hex color 9F8CF4.

# 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](#).

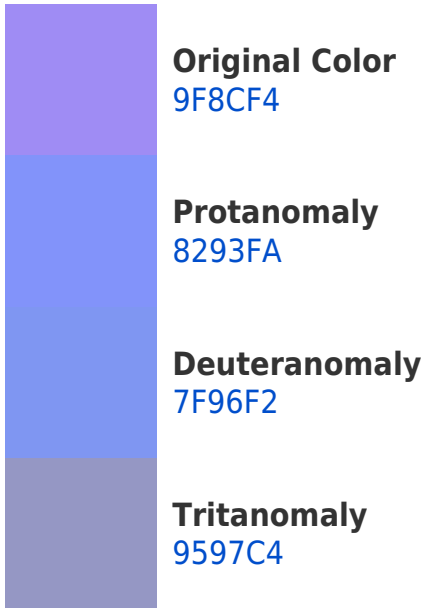
## Dichromacy



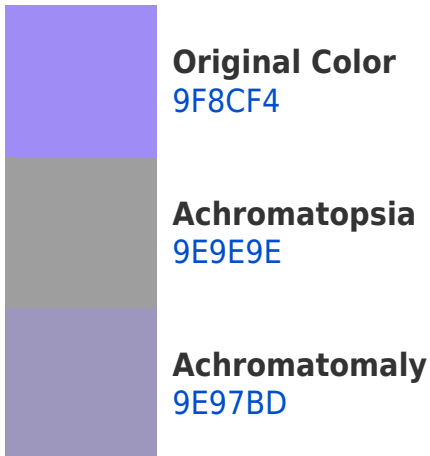


**Tritanopia**  
8F9DA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F8CF4 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 #9F8CF4 looks like.

```
.text, #text, p{  
    color:#9F8CF4  
}
```

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 #9F8CF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F8CF4  
}
```

## Border

The CSS property to change the border of an element to Hex 9F8CF4 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  
#9F8CF4 }
```

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

```
.border{ border-color:#9F8CF4 }
```

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

Here you see how a box with a 4 pixel #9F8CF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F8CF4; -webkit-box-shadow:4px 4px  
4px 4px #9F8CF4; box-shadow:4px 4px 4px  
4px #9F8CF4 }
```

# Background

The CSS property to change the background color of an element to Hex 9F8CF4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F8CF4 }
```

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

```
.background{ background-color:#9F8CF4 }
```

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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