

# Converting Colors

Hex(9F88F9)

Have a look what the booklet for  
Hex(9F88F9) contains.

<b>Hex(9F88F9)</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(9F88F9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9F88F9
RGB	159, 136, 249
RGB Percent	62%, 53%, 98%
CMY	0.3765, 0.4667, 0.0235
CMYK	0.36, 0.45, 0.00, 0.02
HSL	252°, 90%, 75%
HSV	252°, 45%, 98%
XYZ	40.2011, 31.8188, 93.6453
YIQ	155.7590, -22.5650, 40.0190

# Conversions

## Conversions Part 2

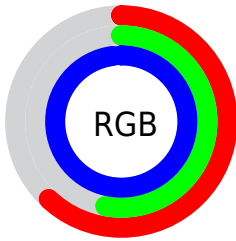
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	159, 136, 249
Decimal	10455289
CIE <sub>Lab</sub>	63.19, 33.97, -53.66
CIE <sub>LCh</sub>	63, 63.509, 302.339
Y <sub>xy</sub>	31.8188, 0.2427, 0.1921
Android (android.graphics.Color)	4288645369 (0xFF9F88F9)
YUV	155.7590, 45.9678, 2.8424
Hunter-Lab	56.4082, 28.4996, -58.9439

# Details

The Hex color **9F88F9** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **E2F988**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **D9BEFF**, and **6756C0** is the 20% darker color. If you saturate the color by 10%, you get **8B6FF9**, and if you desaturate by 10%, it is **B3A1F9**.

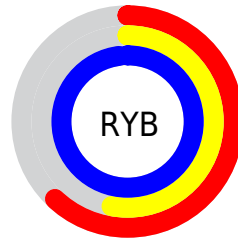
# Distribution



Red (62%)

Green (53%)

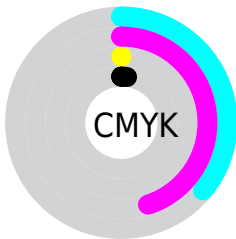
Blue (98%)



Red (62%)

Yellow (53%)

Blue (98%)

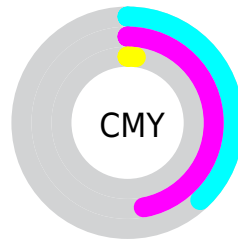


Cyan (36%)

Magenta (45%)

Yellow (0%)

Black (2%)



Cyan (38%)

Magenta (47%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F88F9 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 9F88F9 by changing the saturation by 10% instead.



 9F88F9

 9F88F9

FFFFFF

 836EDC

 D9BEFF

 6756C0

 F6DAFF

 4B3EA4

 FFF6FF

 2C2889

 00126F

 000056

 00033E

 000327

 000111

■ 9F88F9

■ 9F88F9

■ 8B6FF9

■ B3A1F9

■ 7756F9

■ C7BAF9

■ 643DF9

■ DAD3F9

■ 5024F9

■ EEECF9

■ 3C0CF9

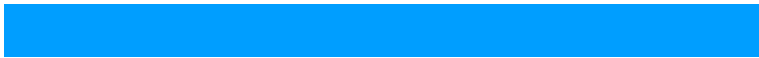
■ FFFFF9

■ 3300F9

# Harmonies

## Analogous

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



009EFF



9F88F9



E06FCE

# Triad

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



9F88F9



DE8231



00B49C

# Complementary

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



9F88F9



E2F988

# 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.



00B062



9F88F9



B19815

# Square

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



9F88F9



FA6C60



78A730



00B3D4

# Rectangle

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



9F88F9



F764AA



78A730



00B388



# Sweetspot

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



9F88F9



E3DBFF



88E2F9



6E6A80



000000



808080



# Same Dimension

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



9F88F9



9175FF



D788F9



73707D



2600BD



0C003D



# Inverse Universe

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



F988E2



FF75E3



AAF988



7D707A



BD0096

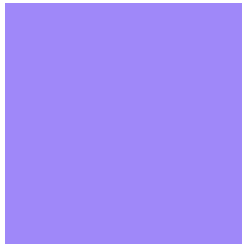


3D0031



# Previews

## White Background



This preview shows how the Hex color 9F88F9 looks on a white background.

## Color Contrast Check

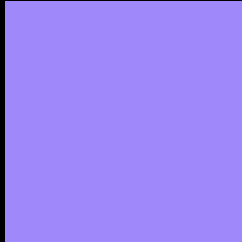
Large Text (above 18pt) WCAG AA × Fail

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 9F88F9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

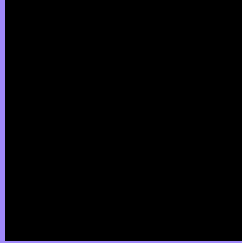
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9F88F9 Background



This preview shows how black text looks on a background with the Hex color 9F88F9.



This preview shows how white text looks on a background with the Hex color 9F88F9.

# 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](#).

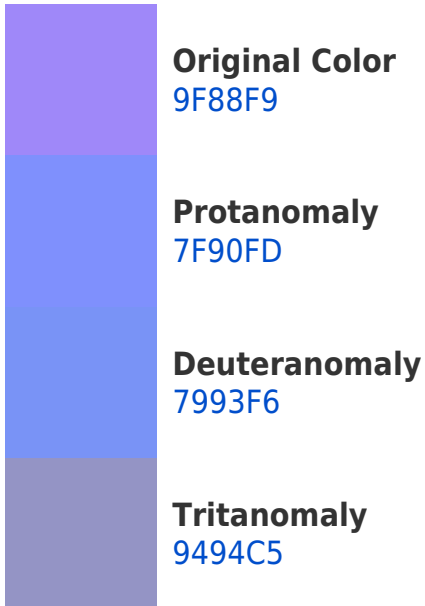
## Dichromacy





**Tritanopia**  
8D9BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F88F9 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 #9F88F9 looks like.

```
.text, #text, p{  
    color:#9F88F9  
}
```

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 #9F88F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F88F9
}
```

## Border

The CSS property to change the border of an element to Hex 9F88F9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

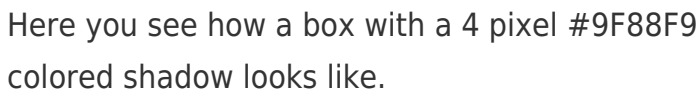
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9F88F9 }
```

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

```
.border{ border-color:#9F88F9 }
```

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



Here you see how a box with a 4 pixel #9F88F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F88F9; -webkit-box-shadow:4px 4px  
4px 4px #9F88F9; box-shadow:4px 4px 4px  
4px #9F88F9 }
```

# Background

The CSS property to change the background color of an element to Hex 9F88F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F88F9 }
```

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

```
.background{ background-color:#9F88F9 }
```

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