

# Converting Colors

Hex(9F78F5)

Have a look what the booklet for  
Hex(9F78F5) contains.

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# Color

**Hex(9F78F5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9F78F5
RGB	159, 120, 245
RGB Percent	62%, 47%, 96%
CMY	0.3765, 0.5294, 0.0392
CMYK	0.35, 0.51, 0.00, 0.04
HSL	259°, 86%, 72%
HSV	259°, 51%, 96%
XYZ	37.4960, 27.3964, 89.6980
YIQ	145.9110, -16.8810, 47.1430

# Conversions

## Conversions Part 2

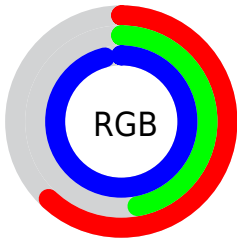
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">159, 120, 245</a>
Decimal	<a href="#">10451189</a>
CIELab	<a href="#">59.34, 41.97, -57.59</a>
CIELCh	<a href="#">59, 71.260, 306.081</a>
Yxy	<a href="#">27.3964, 0.2426, 0.1772</a>
Android (android.graphics.Color)	<a href="#">4288641269</a> ( <a href="#">0xFF9F78F5</a> )
YUV	<a href="#">145.9110, 48.8509, 11.4791</a>
Hunter-Lab	<a href="#">52.3416, 36.2743, -64.9663</a>

# Details

The Hex color **9F78F5** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **CEF578**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **D9ADFF**, and **6646BC** is the 20% darker color. If you saturate the color by 10%, you get **8E60F5**, and if you desaturate by 10%, it is **B091F5**.

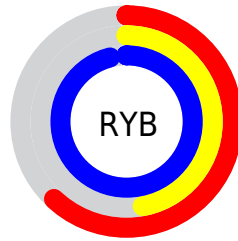
# Distribution



Red (62%)

Green (47%)

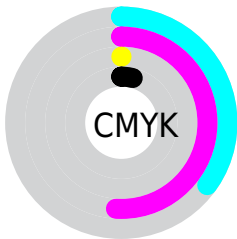
Blue (96%)



Red (62%)

Yellow (47%)

Blue (96%)

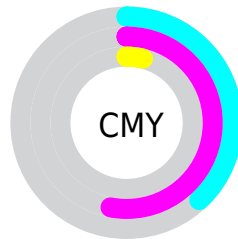


Cyan (35%)

Magenta (51%)

Yellow (0%)

Black (4%)



Cyan (38%)

Magenta (53%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F78F5 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 9F78F5 by changing the saturation by 10% instead.



 9F78F5

 9F78F5

FFFFFF

 835FD8

 D9ADFF

 6646BC

 F7C9FF

 4A2EA0

 FFE5FF

 2B1786

 00006C

 000053

 00063A

 000224

 00000B

■ 9F78F5

■ 9F78F5

■ 8E60F5

■ B091F5

■ 7D47F5

■ C1A9F5

■ 6C2FF5

■ D2C2F5

■ 5C16F5

■ E2DAF5

■ 4C00F5

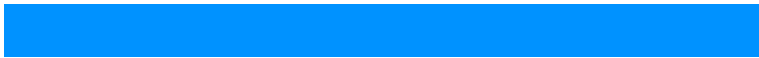
■ F3F3F5

■ FFFFF5

# Harmonies

## Analogous

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



0092FF



9F78F5



E359C3

# Triad

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



9F78F5



D37906



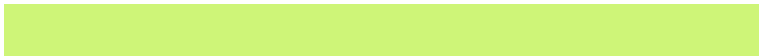
00AB9A

# Complementary

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



9F78F5



CEF578

# 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.



00A859



9F78F5



A09000

# Square

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



9F78F5



F55C48



5DA016



00AAD7

# Rectangle

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



9F78F5



F84B9A



5DA016



00AB84



# Sweetspot

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



9F78F5



E5D9FF



78CFF5



706980



000000



808080



# Same Dimension

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



9F78F5



9463FF



DC78F5



726E7A



3A00BA



12003B



# Inverse Universe

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



F578CE



FF63CE



91F578



7A6E77



BA0080

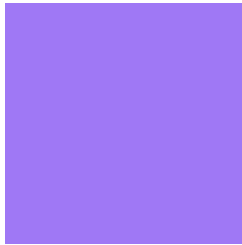


3B0028



# Previews

## White Background



This preview shows how the Hex color 9F78F5 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

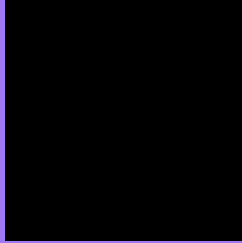
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9F78F5 Background



This preview shows how black text looks on a background with the Hex color 9F78F5.



This preview shows how white text looks on a background with the Hex color 9F78F5.

# 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](#).

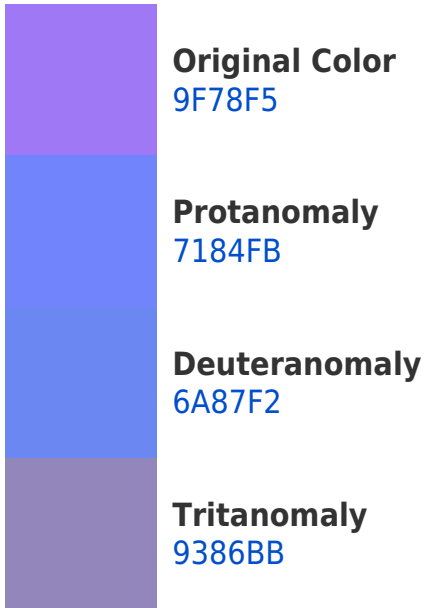
## Dichromacy





**Tritanopia**  
8C8E9A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F78F5 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 #9F78F5 looks like.

```
.text, #text, p{  
  color:#9F78F5  
}
```

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 #9F78F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F78F5
}
```

## Border

The CSS property to change the border of an element to Hex 9F78F5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

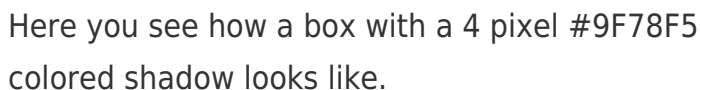
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9F78F5 }
```

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

```
.border{ border-color:#9F78F5 }
```

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



Here you see how a box with a 4 pixel #9F78F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F78F5; -webkit-box-shadow:4px 4px  
4px 4px #9F78F5; box-shadow:4px 4px 4px  
4px #9F78F5 }
```

# Background

The CSS property to change the background color of an element to Hex 9F78F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F78F5 }
```

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

```
.background{ background-color:#9F78F5 }
```

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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