

# Converting Colors

Hex(9F78D9)

Have a look what the booklet for  
Hex(9F78D9) contains.

<b>Hex(9F78D9)</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(9F78D9)

# Conversions

## Conversions Part 1

Format	Color
Hex	9F78D9
RGB	159, 120, 217
RGB Percent	62%, 47%, 85%
CMY	0.3765, 0.5294, 0.1490
CMYK	0.27, 0.45, 0.00, 0.15
HSL	264°, 56%, 66%
HSV	264°, 45%, 85%
XYZ	33.5389, 25.8136, 68.8605
YIQ	142.7190, -7.8930, 38.4350

# Conversions

## Conversions Part 2

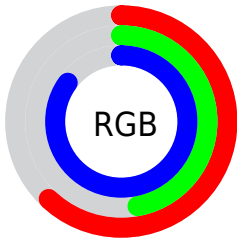
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	159, 120, 217
Decimal	10451161
CIE <sub>Lab</sub>	57.86, 34.96, -44.33
CIE <sub>LCh</sub>	58, 56.457, 308.265
Yxy	25.8136, 0.2616, 0.2013
Android (android.graphics.Color)	4288641241 (0xFF9F78D9)
YUV	142.7190, 36.6205, 14.2784
Hunter-Lab	50.8071, 28.9195, -44.7926

# Details

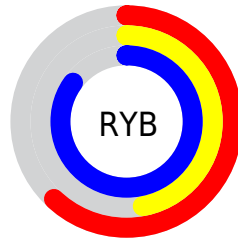
The Hex color **9F78D9** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **B2D978**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **D8ADFF**, and **6946A2** is the 20% darker color. If you saturate the color by 10%, you get **9262D9**, and if you desaturate by 10%, it is **AC8ED9**.

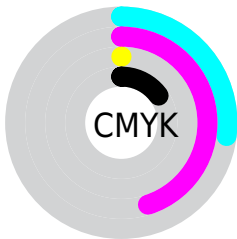
# Distribution



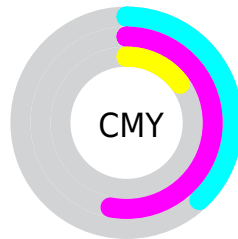
- Red (62%)
- Green (47%)
- Blue (85%)



- Red (62%)
- Yellow (47%)
- Blue (85%)



- Cyan (27%)
- Magenta (45%)
- Yellow (0%)
- Black (15%)



- Cyan (38%)
- Magenta (53%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F78D9 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 9F78D9 by changing the saturation by 10% instead.



 9F78D9

 9F78D9

FFFFFF

 845FBD

 D8ADFF

 6946A2

 F5C9FF

 4E2F87

 FFE5FF

 34186D

 170254

 00003D

 000226

 00010E

 000000

 9F78D9

 9F78D9

 9262D9

 AC8ED9

 854DD9

 B9A3D9

 7837D9

 C6B9D9

 6B21D9

 D3CFD9

 5E0BD9

 E0E5D9

 5700D9

 EDFAD9

 FAFFD9

 FFFFD9

# Harmonies

## Analogous

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



3B8CED



9F78D9



D164B1

# Triad

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



9F78D9



C27B2B



00A398

# Complementary

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



9F78D9



B2D978

# 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.



00A064



9F78D9



988D1D

# Square

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



9F78D9



DD6850



639938



00A1C7

# Rectangle

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



9F78D9



E15D90



639938



00A286



# Sweetspot

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



9F78D9



EBDEFF



78B2D9



736B80



000000



808080



# Same Dimension

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



9F78D9



AD75FF



CF78D9



67636E



4600AD



12002E



# Inverse Universe

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



D978B2



FF75C8



82D978



6E6369



AD0068

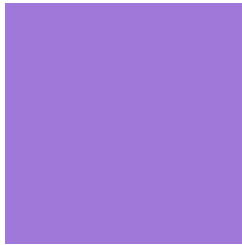


2E001B



# Previews

## White Background



This preview shows how the Hex color 9F78D9 looks on a white background.

## Color Contrast Check

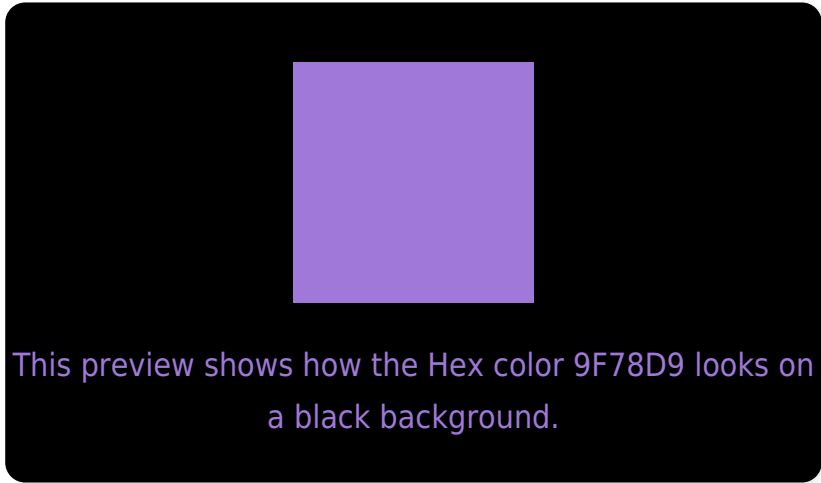
Large Text (above 18pt) WCAG AA ✓ Pass

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

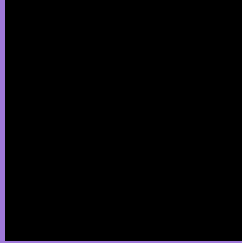
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9F78D9 Background



This preview shows how black text looks on a background with the Hex color 9F78D9.



This preview shows how white text looks on a background with the Hex color 9F78D9.

# 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](#).

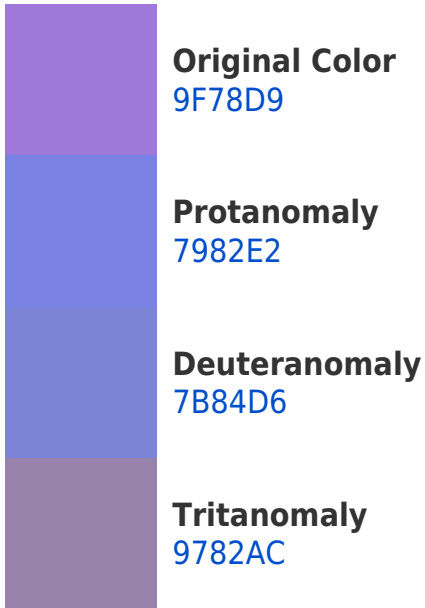
## Dichromacy



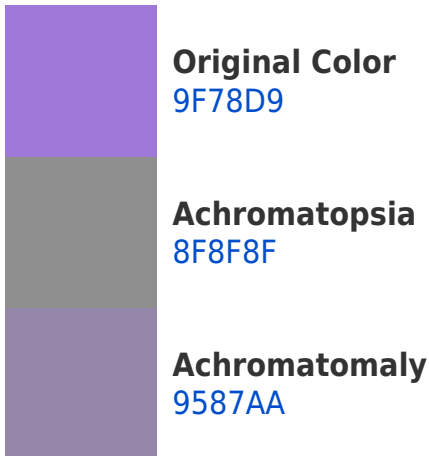


**Tritanopia**  
928893

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F78D9 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 #9F78D9 looks like.

```
.text, #text, p{  
    color:#9F78D9  
}
```

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 #9F78D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F78D9
}
```

## Border

The CSS property to change the border of an element to Hex 9F78D9 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
#9F78D9 }
```

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

```
.border{ border-color:#9F78D9 }
```

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

Here you see how a box with a 4 pixel #9F78D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F78D9; -webkit-box-shadow:4px 4px  
4px 4px #9F78D9; box-shadow:4px 4px 4px  
4px #9F78D9 }
```

# Background

The CSS property to change the background color of an element to Hex 9F78D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F78D9 }
```

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

```
.background{ background-color:#9F78D9 }
```

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