

# Converting Colors

Hex(9F78A9)

Have a look what the booklet for  
Hex(9F78A9) contains.

<b>Hex(9F78A9)</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(9F78A9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9F78A9
RGB	159, 120, 169
RGB Percent	62%, 47%, 66%
CMY	0.3765, 0.5294, 0.3373
CMYK	0.06, 0.29, 0.00, 0.34
HSL	288°, 22%, 57%
HSV	288°, 29%, 66%
XYZ	28.1760, 23.6684, 40.6195
YIQ	137.2470, 7.5150, 23.5070

# Conversions

## Conversions Part 2

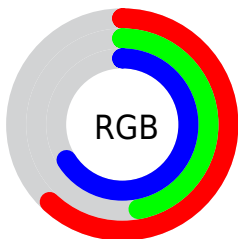
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	159, 120, 169
Decimal	10451113
CIE <sub>Lab</sub>	55.75, 24.10, -20.26
CIE <sub>LCh</sub>	56, 31.487, 319.949
Yxy	23.6684, 0.3047, 0.2560
Android (android.graphics.Color)	4288641193 (0xFF9F78A9)
YUV	137.2470, 15.6542, 19.0774
Hunter-Lab	48.6502, 18.2411, -15.4479

# Details

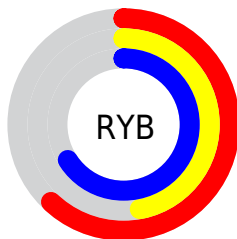
The Hex color **9F78A9** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **82A978**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **D6ADE0**, and **6B4775** is the 20% darker color. If you saturate the color by 10%, you get **9C67A9**, and if you desaturate by 10%, it is **A289A9**.

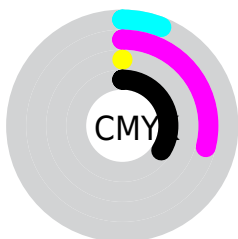
# Distribution



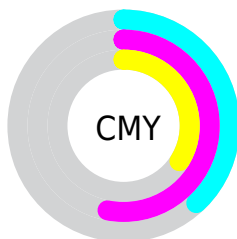
- Red (62%)
- Green (47%)
- Blue (66%)



- Red (62%)
- Yellow (47%)
- Blue (66%)



- Cyan (6%)
- Magenta (29%)
- Yellow (0%)
- Black (34%)



- Cyan (38%)
- Magenta (53%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F78A9 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 9F78A9 by changing the saturation by 10% instead.



■ 9F78A9

■ 9F78A9

FFFFFF

■ 855F8E

■ D6ADE0

■ 6B4775

■ F3C8FD

■ 52305C

■ FFE4FF

■ 3A1A44

■ 24032E

■ 000019

■ 000000

■ 9F78A9

■ 9F78A9

■ 9C67A9

■ A289A9

9856A9

A69AA9

9545A9

A9ABA9

9134A9

ADBCA9

8E23A9

B0CCA9

8A13A9

B4DDA9

8702A9

B7EEA9

8700A9

BBFFA9

BEFFA9

# Harmonies

## Analogous

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



7B82B9



9F78A9



B57190

# Triad

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



9F78A9



A08150



1A9497

# Complementary

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



9F78A9



82A978

# 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.



42947B



9F78A9



858A51

# Square

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



9F78A9



B3775D



669061



1C91AF

# Rectangle

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



9F78A9



BB707D



669061



28948E



# Sweetspot

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



9F78A9



D7C8DB



7883A9



6B626E



EDEDED



6E6E6E



# Same Dimension

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



9F78A9



CC8FDB



A9789B



524C54



760094



100014



# Inverse Universe

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



A97882



DB8F9E



78A986



544C4D



94001E

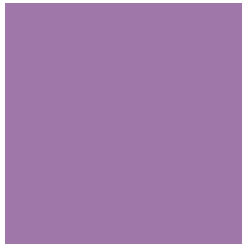


140004



# Previews

## White Background



This preview shows how the Hex color 9F78A9 looks on a white background.

## Color Contrast Check

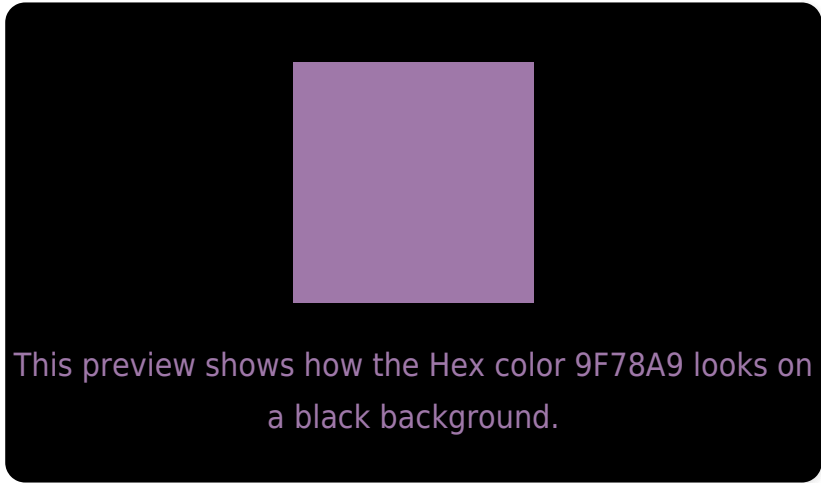
Large Text (above 18pt) WCAG AA ✓ Pass

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

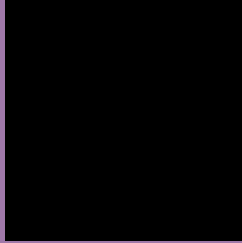
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9F78A9 Background



This preview shows how black text looks on a background with the Hex color 9F78A9.

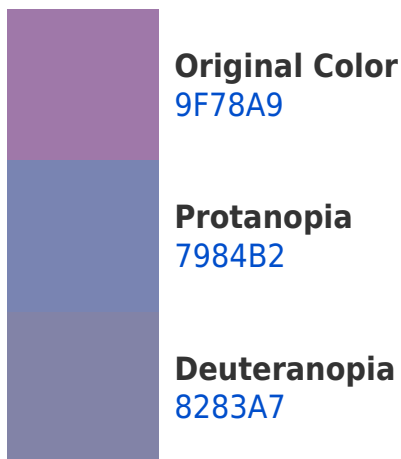


This preview shows how white text looks on a background with the Hex color 9F78A9.

# 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](#).

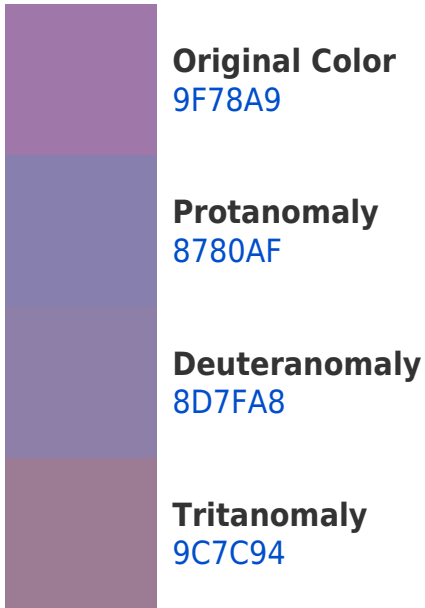
## Dichromacy



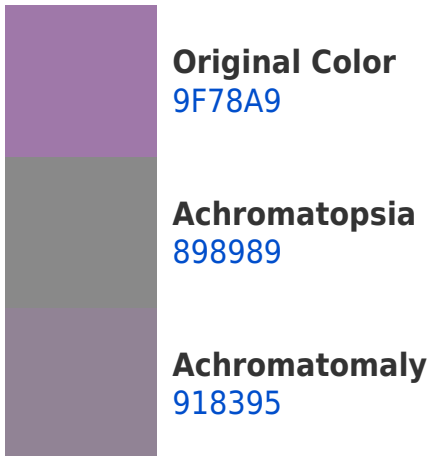


**Tritanopia**  
9A7E88

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F78A9 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 #9F78A9 looks like.

```
.text, #text, p{  
    color:#9F78A9  
}
```

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 #9F78A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F78A9
}
```

## Border

The CSS property to change the border of an element to Hex 9F78A9 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
#9F78A9 }
```

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

```
.border{ border-color:#9F78A9 }
```

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

Here you see how a box with a 4 pixel #9F78A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F78A9; -webkit-box-shadow:4px 4px  
4px 4px #9F78A9; box-shadow:4px 4px 4px  
4px #9F78A9 }
```

# Background

The CSS property to change the background color of an element to Hex 9F78A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F78A9 }
```

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

```
.background{ background-color:#9F78A9 }
```

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