

# Converting Colors

Hex(9E78AF)

Have a look what the booklet for  
Hex(9E78AF) contains.

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# Color

Hex(9E78AF)

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 9E78AF                    |
| RGB           | 158, 120, 175             |
| RGB Percent   | 62%, 47%, 69%             |
| CMY           | 0.3804, 0.5294, 0.3137    |
| CMYK          | 0.10, 0.31, 0.00, 0.31    |
| HSL           | 281°, 26%, 58%            |
| HSV           | 281°, 31%, 69%            |
| XYZ           | 28.5549, 23.7972, 43.6458 |
| YIQ           | 137.6320, 4.9930, 25.1610 |

# Conversions

## Conversions Part 2

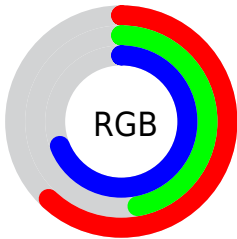
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 158, 120, 175                 |
| Decimal                             | 10385583                      |
| CIE <sub>Lab</sub>                  | 55.88, 25.03, -23.53          |
| CIE <sub>LCh</sub>                  | 56, 34.352, 316.773           |
| Yxy                                 | 23.7972, 0.2975,<br>0.2479    |
| Android<br>(android.graphics.Color) | 4288575663<br>(0xFF9E78AF)    |
| YUV                                 | 137.6320, 18.4224,<br>17.8627 |
| Hunter-Lab                          | 48.7824, 19.1163,<br>-18.8993 |

# Details

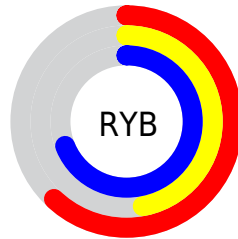
The Hex color **9E78AF** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **89AF78**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **D5ADE7**, and **6A477A** is the 20% darker color. If you saturate the color by 10%, you get **9966AF**, and if you desaturate by 10%, it is **A38AAF**.

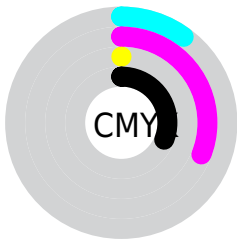
# Distribution



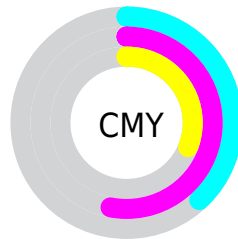
- Red (62%)
- Green (47%)
- Blue (69%)



- Red (62%)
- Yellow (47%)
- Blue (69%)



- Cyan (10%)
- Magenta (31%)
- Yellow (0%)
- Black (31%)



- Cyan (38%)
- Magenta (53%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E78AF 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 9E78AF by changing the saturation by 10% instead.





9E78AF



9E78AF

FFFFFF



835F94



D5ADE7



6A477A



F2C8FF



513061



FFE4FF



391A49



220332



00001D



000000



9E78AF



9E78AF



9966AF



A38AAF

9355AF

A99BAF

8E44AF

AEADAF

8832AF

B4BEAF

8321AF

B9D0AF

7E0FAF

BEE1AF

7900AF

C4F3AF

C9FFAF

CFFFAF

# Harmonies

## Analogous

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



7583BF



9E78AF



B77094

# Triad

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



9E78AF



A5804C



009696

# Complementary

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



9E78AF



89AF78

# 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.



3E9577



9E78AF



88894C

# Square

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



9E78AF



B8755C



67915C



0093B1

# Rectangle

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



9E78AF



BF6E80



67915C



17968C



# Sweetspot

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



9E78AF



DDCFE3



7889AF



6F6673



F2F2F2



737373



# Same Dimension

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



9E78AF



C88DE3



AF78A5



544E57



680096



100017



# Inverse Universe

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



AF7889



E38DA7



78AF82



574E51



96002F

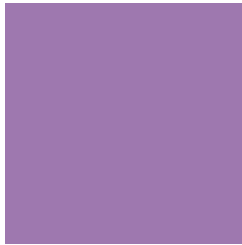


170007



# Previews

## White Background



This preview shows how the Hex color 9E78AF 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

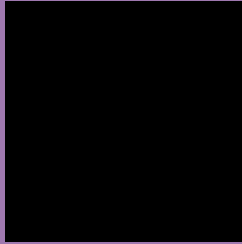
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9E78AF Background



This preview shows how black text looks on a background with the Hex color 9E78AF.



This preview shows how white text looks on a background with the Hex color 9E78AF.

# 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



**Original Color**  
9E78AF

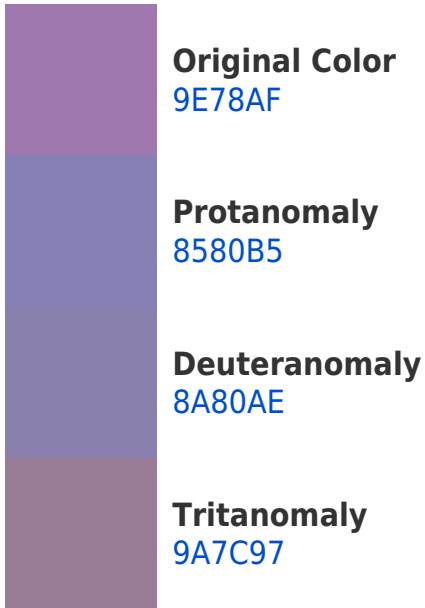
**Protanopia**  
7784B8

**Deuteranopia**  
7F84AD

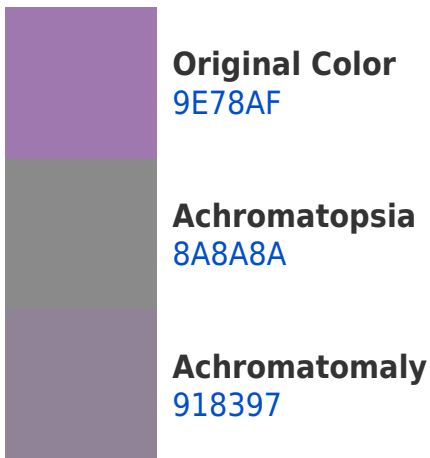


**Tritanopia**  
987F89

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E78AF 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 #9E78AF looks like.

```
.text, #text, p{  
    color:#9E78AF  
}
```

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 #9E78AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E78AF
}
```

## Border

The CSS property to change the border of an element to Hex 9E78AF is called "border". The border property can be set on classes, ids or directly on the HTML element.

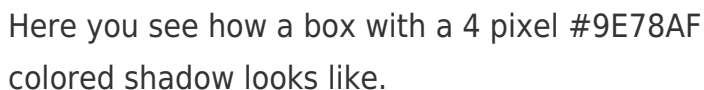
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E78AF }
```

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

```
.border{ border-color:#9E78AF }
```

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



Here you see how a box with a 4 pixel #9E78AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E78AF; -webkit-box-shadow:4px 4px  
4px 4px #9E78AF; box-shadow:4px 4px 4px  
4px #9E78AF }
```

# Background

The CSS property to change the background color of an element to Hex 9E78AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E78AF }
```

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

```
.background{ background-color:#9E78AF }
```

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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