

Converting Colors

Hex(9E78A8)

Have a look what the booklet for
Hex(9E78A8) contains.

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Color

Hex(9E78A8)

Conversions

Conversions Part 1

Format	Color
Hex	9E78A8
RGB	158, 120, 168
RGB Percent	62%, 47%, 66%
CMY	0.3804, 0.5294, 0.3412
CMYK	0.06, 0.29, 0.00, 0.34
HSL	288°, 22%, 56%
HSV	288°, 29%, 66%
XYZ	27.8849, 23.5292, 40.1177
YIQ	136.8340, 7.2400, 22.9840

Conversions

Conversions Part 2

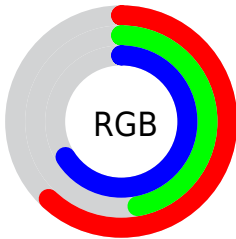
Format	Color
R_{YB}	158, 120, 168
Decimal	10385576
CIE _{Lab}	55.61, 23.56, -19.91
CIE _{LCh}	56, 30.844, 319.799
Yxy	23.5292, 0.3046, 0.2571
Android (android.graphics.Color)	4288575656 (0xFF9E78A8)
YUV	136.8340, 15.3648, 18.5626
Hunter-Lab	48.5069, 17.7263, -15.0810

Details

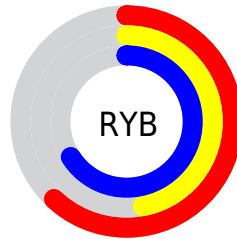
The Hex color **9E78A8** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **82A878**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **D5ADDF**, and **6A4774** is the 20% darker color. If you saturate the color by 10%, you get **9B67A8**, and if you desaturate by 10%, it is **A189A8**.

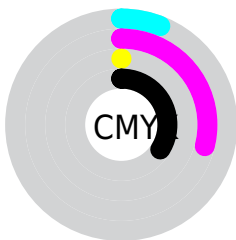
Distribution



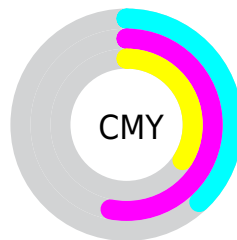
- Red (62%)
- Green (47%)
- Blue (66%)



- 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 9E78A8 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 9E78A8 by changing the saturation by 10% instead.



9E78A8



9E78A8

FFFFFF



845F8D



D5ADDF



6A4774



F2C8FC



51305B



FFE4FF



391A43



23032D



000018



000000



9E78A8



9E78A8



9B67A8



A189A8

9756A8

A59AA8

9446A8

A8AAA8

9035A8

ACBBA8

8D24A8

AFCCA8

8913A8

B3DDA8

8602A8

B6EEA8

8500A8

BAFEA8

BDFFA8

Harmonies

Analogous

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



7B82B7



9E78A8



B37190

Triad

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



9E78A8



9F8051



209396

Complementary

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



9E78A8



82A878

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.



44937B



9E78A8



858952

Square

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



9E78A8



B2775D



669062



2291AD

Rectangle

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



9E78A8



B9707D



669062



2B948D

Sweetspot

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



9E78A8



D7C8DB



7882A8



6B626E



EDEDED



6E6E6E

Same Dimension

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



9E78A8



CC91DB



A8789A



524C54



750094



100014

Inverse Universe

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



A87882



DB91A0



78A886



544C4D



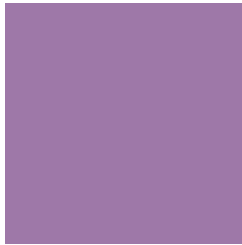
94001F



140004

Previews

White Background



This preview shows how the Hex color 9E78A8 looks on a white background.

Color Contrast Check

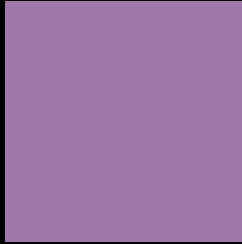
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color 9E78A8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

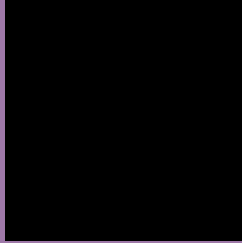
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 9E78A8 Background



This preview shows how black text looks on a background with the Hex color 9E78A8.

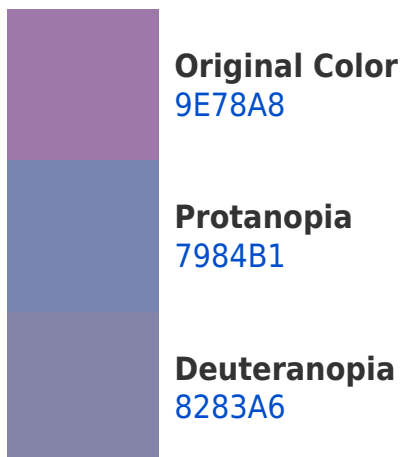


This preview shows how white text looks on a background with the Hex color 9E78A8.

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](#).

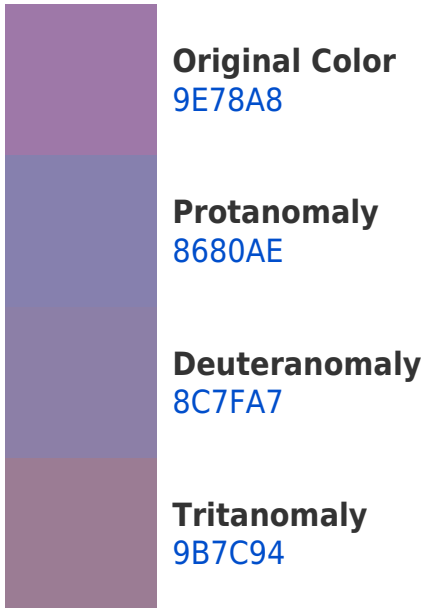
Dichromacy



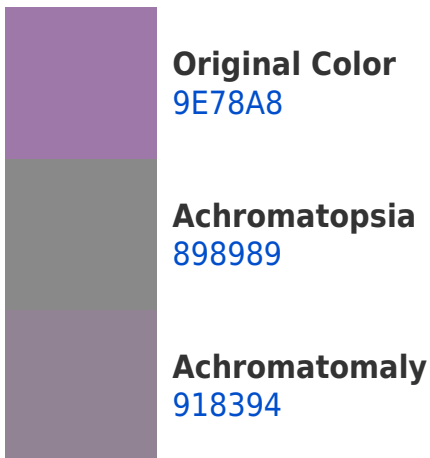


Tritanopia
997E88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9E78A8 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 #9E78A8 looks like.

```
.text, #text, p{  
    color:#9E78A8  
}
```

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 #9E78A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E78A8
}
```

Border

The CSS property to change the border of an element to Hex 9E78A8 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
#9E78A8 }
```

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

```
.border{ border-color:#9E78A8 }
```

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

Here you see how a box with a 4 pixel #9E78A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E78A8; -webkit-box-shadow:4px 4px  
4px 4px #9E78A8; box-shadow:4px 4px 4px  
4px #9E78A8 }
```

Background

The CSS property to change the background color of an element to Hex 9E78A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E78A8 }
```

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

```
.background{ background-color:#9E78A8 }
```

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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