

Converting Colors

Hex(9F78AB)

Have a look what the booklet for
Hex(9F78AB) contains.

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Color

Hex(9F78AB)

Conversions

Conversions Part 1

Format	Color
Hex	9F78AB
RGB	159, 120, 171
RGB Percent	62%, 47%, 67%
CMY	0.3765, 0.5294, 0.3294
CMYK	0.07, 0.30, 0.00, 0.33
HSL	286°, 23%, 57%
HSV	286°, 30%, 67%
XYZ	28.3652, 23.7441, 41.6161
YIQ	137.4750, 6.8730, 24.1290

Conversions

Conversions Part 2

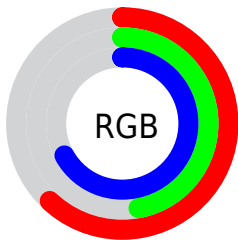
Format	Color
R_{YB}	159, 120, 171
Decimal	10451115
CIE _{Lab}	55.83, 24.52, -21.30
CIE _{LCh}	56, 32.476, 319.021
Yxy	23.7441, 0.3026, 0.2533
Android (android.graphics.Color)	4288641195 (0xFF9F78AB)
YUV	137.4750, 16.5278, 18.8774
Hunter-Lab	48.7280, 18.6334, -16.5271

Details

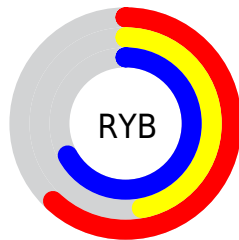
The Hex color **9F78AB** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **84AB78**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **D6ADE2**, and **6B4777** is the 20% darker color. If you saturate the color by 10%, you get **9B67AB**, and if you desaturate by 10%, it is **A389AB**.

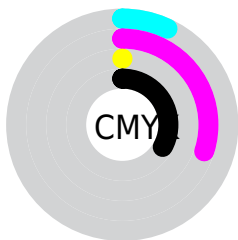
Distribution



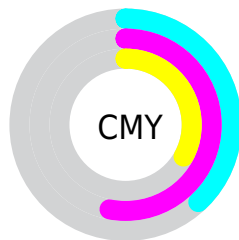
- Red (62%)
- Green (47%)
- Blue (67%)



- Red (62%)
- Yellow (47%)
- Blue (67%)



- Cyan (7%)
- Magenta (30%)
- Yellow (0%)
- Black (33%)



- Cyan (38%)
- Magenta (53%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9F78AB 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 9F78AB by changing the saturation by 10% instead.



9F78AB



9F78AB

FFFFFF



845F90



D6ADE2



6B4777



F3C8FF



52305E



FFE4FF



3A1A46



24032F



01001A



000000



9F78AB



9F78AB



9B67AB



A389AB

9756AB

A79AAB

9345AB

ABABAB

8F34AB

AFBCAB

8B23AB

B3CDAB

8711AB

B7DFAB

8300AB

BBF0AB

BFFFAB

C3FFAB

Harmonies

Analogous

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



7A82BB



9F78AB



B67191

Triad

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



9F78AB



A1814E



0F9597

Complementary

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



9F78AB



84AB78

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.



41947A



9F78AB



868A4F

Square

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



9F78AB



B5775C



669060



0D92B0

Rectangle

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



9F78AB



BC707E



669060



22958E

Sweetspot

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



9F78AB



D9CADE



7885AB



6D6470



F0F0F0



707070

Same Dimension

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



9F78AB



CB8EDE



AB789E



554E57



730096



120017

Inverse Universe

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



AB7884



DE8EA1



78AB85



574E50



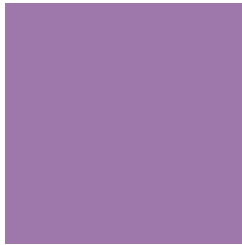
960023



170005

Previews

White Background



This preview shows how the Hex color 9F78AB 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

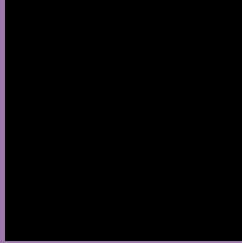
Any Text WCAG AA ✓ Pass

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 9F78AB Background



This preview shows how black text looks on a background with the Hex color 9F78AB.

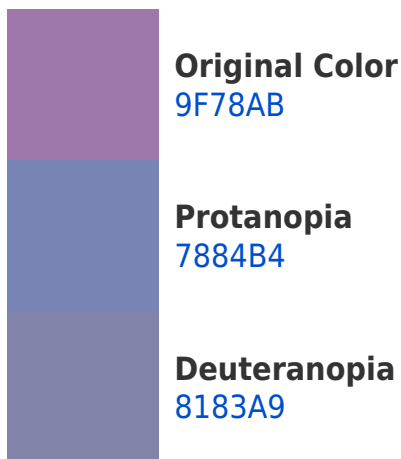


This preview shows how white text looks on a background with the Hex color 9F78AB.

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](#).

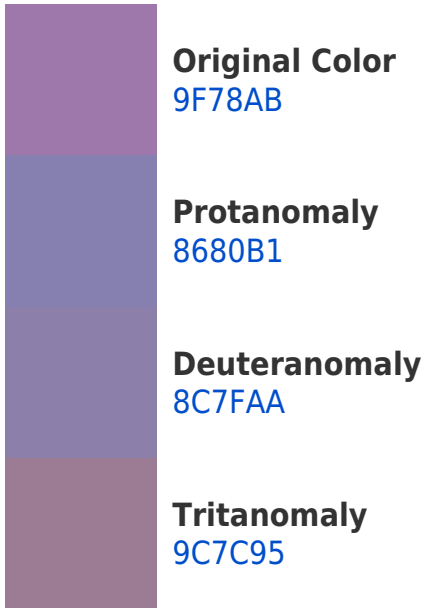
Dichromacy



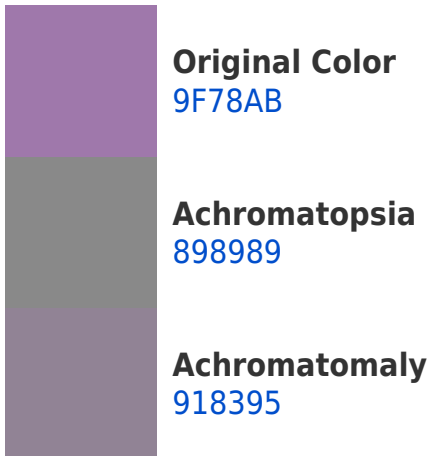


Tritanopia
9A7F89

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9F78AB 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 #9F78AB looks like.

```
.text, #text, p{  
    color:#9F78AB  
}
```

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 #9F78AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F78AB
}
```

Border

The CSS property to change the border of an element to Hex 9F78AB 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
#9F78AB }
```

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

```
.border{ border-color:#9F78AB }
```

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

Here you see how a box with a 4 pixel #9F78AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F78AB; -webkit-box-shadow:4px 4px  
4px 4px #9F78AB; box-shadow:4px 4px 4px  
4px #9F78AB }
```

Background

The CSS property to change the background color of an element to Hex 9F78AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F78AB }
```

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

```
.background{ background-color:#9F78AB }
```

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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