

Converting Colors

Hex(9E87AF)

Have a look what the booklet for
Hex(9E87AF) contains.

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Color

Hex(9E87AF)

Conversions

Conversions Part 1

Format	Color
Hex	9E87AF
RGB	158, 135, 175
RGB Percent	62%, 53%, 69%
CMY	0.3804, 0.4706, 0.3137
CMYK	0.10, 0.23, 0.00, 0.31
HSL	274°, 20%, 61%
HSV	274°, 23%, 69%
XYZ	30.5024, 27.6922, 44.2949
YIQ	146.4370, 0.8680, 17.3160

Conversions

Conversions Part 2

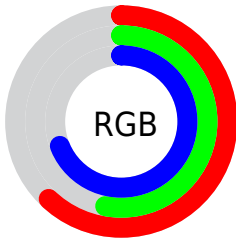
Format	Color
R_{YB}	158, 135, 175
Decimal	10389423
CIE _{Lab}	59.61, 16.42, -17.83
CIE _{LCh}	60, 24.239, 312.638
Yxy	27.6922, 0.2976, 0.2702
Android (android.graphics.Color)	4288579503 (0xFF9E87AF)
YUV	146.4370, 14.0816, 10.1408
Hunter-Lab	52.6234, 11.3741, -13.0701

Details

The Hex color **9E87AF** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **98AF87**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **D5BCE7**, and **6A557A** is the 20% darker color. If you saturate the color by 10%, you get **9776AF**, and if you desaturate by 10%, it is **A599AF**.

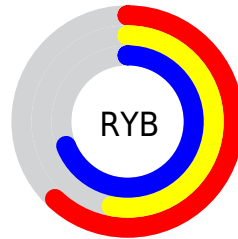
Distribution



Red (62%)

Green (53%)

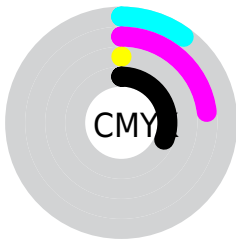
Blue (69%)



Red (62%)

Yellow (53%)

Blue (69%)

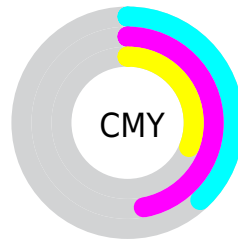


Cyan (10%)

Magenta (23%)

Yellow (0%)

Black (31%)



Cyan (38%)

Magenta (47%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9E87AF 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 9E87AF by changing the saturation by 10% instead.

■ 9E87AF

■ 9E87AF

FFFFFF

■ 846E94

■ D5BCE7

■ 6A557A

■ F1D8FF

■ 523E62

■ FFF5FF

■ 3A284A

■ 241333

■ 11001E

■ 000000

■ 9E87AF

■ 9E87AF

■ 9776AF

■ A599AF

8F64AF

ADAAAF

8853AF

B4BBAF

8041AF

BCCDAF

792FAF

C3DFAF

711EAF

CBF0AF

6A0CAF

D2FFAF

6500AF

DAFFAF

E1FFAF

Harmonies

Analogous

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



828EB9



9E87AF



B2819D

Triad

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



9E87AF



AA8A67



529C98

Complementary

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



9E87AF



98AF87

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.



669B82



9E87AF



969166

Square

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



9E87AF



B78374



7E9770



509AAC

Rectangle

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



9E87AF



B9808E



7E9770



589B91

Sweetspot

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



9E87AF



DCD3E3



8798AF



6F6A73



F2F2F2



737373

Same Dimension

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



9E87AF



C9A6E3



AF87AC



534E57



570096



0D0017

Inverse Universe

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



AF8798



E3A6C0



87AF8A



574E52



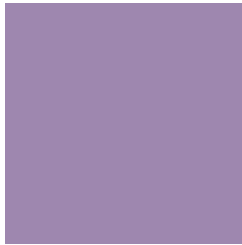
960040



17000A

Previews

White Background



This preview shows how the Hex color 9E87AF 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

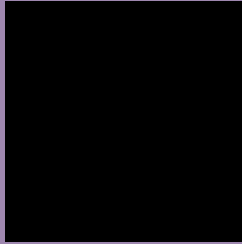
Any Text WCAG AA ✓ Pass

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 9E87AF Background



This preview shows how black text looks on a background with the Hex color 9E87AF.

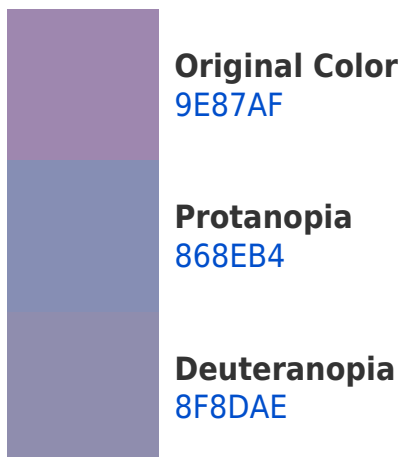


This preview shows how white text looks on a background with the Hex color 9E87AF.

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](#).

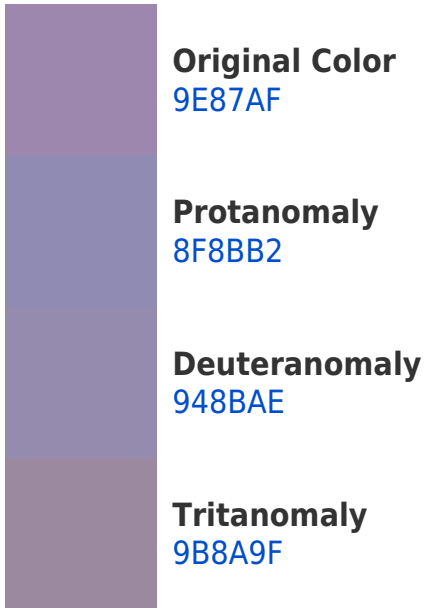
Dichromacy



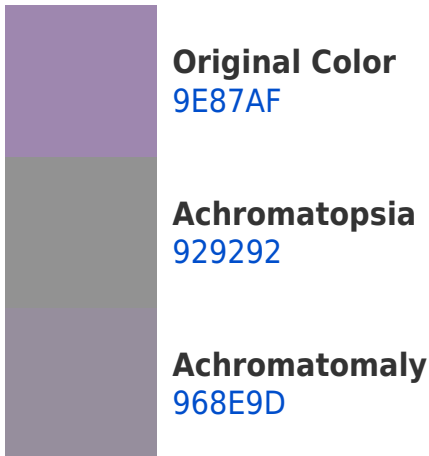


Tritanopia
9A8B96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9E87AF 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 #9E87AF looks like.

```
.text, #text, p{  
    color:#9E87AF  
}
```

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 #9E87AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E87AF
}
```

Border

The CSS property to change the border of an element to Hex 9E87AF is called "border". The border property can be set on classes, ids or directly on the HTML element.

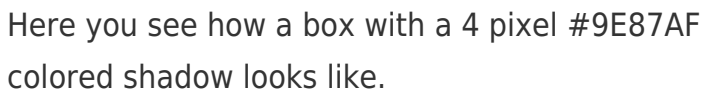
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E87AF }
```

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

```
.border{ border-color:#9E87AF }
```

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



Here you see how a box with a 4 pixel #9E87AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E87AF; -webkit-box-shadow:4px 4px  
4px 4px #9E87AF; box-shadow:4px 4px 4px  
4px #9E87AF }
```

Background

The CSS property to change the background color of an element to Hex 9E87AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E87AF }
```

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

```
.background{ background-color:#9E87AF }
```

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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