

Converting Colors

Hex(9F87AC)

Have a look what the booklet for
Hex(9F87AC) contains.

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Color

Hex(9F87AC)

Conversions

Conversions Part 1

Format	Color
Hex	9F87AC
RGB	159, 135, 172
RGB Percent	62%, 53%, 67%
CMY	0.3765, 0.4706, 0.3255
CMYK	0.08, 0.22, 0.00, 0.33
HSL	279°, 18%, 60%
HSV	279°, 22%, 67%
XYZ	30.4084, 27.6774, 42.7693
YIQ	146.3940, 2.4270, 16.5950

Conversions

Conversions Part 2

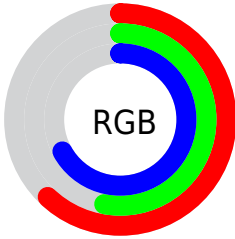
Format	Color
RYB	159, 135, 172
Decimal	10454956
CIELab	59.60, 16.12, -16.13
CIELCh	60, 22.810, 314.984
Yxy	27.6774, 0.3015, 0.2744
Android (android.graphics.Color)	4288645036 (0xFF9F87AC)
YUV	146.3940, 12.6238, 11.0555
Hunter-Lab	52.6093, 11.1075, -11.3739

Details

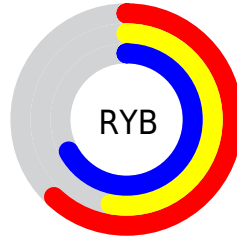
The Hex color **9F87AC** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **94AC87**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **D6BCE3**, and **6B5578** is the 20% darker color. If you saturate the color by 10%, you get **9976AC**, and if you desaturate by 10%, it is **A598AC**.

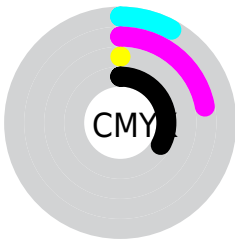
Distribution



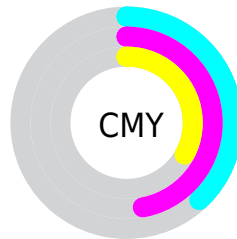
- Red (62%)
- Green (53%)
- Blue (67%)



- Red (62%)
- Yellow (53%)
- Blue (67%)



- Cyan (8%)
- Magenta (22%)
- Yellow (0%)
- Black (33%)



- Cyan (38%)
- Magenta (47%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9F87AC 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 9F87AC by changing the saturation by 10% instead.



9F87AC



9F87AC

FFFFFF



856E91



D6BCE3



6B5578



F2D8FF



533E5F



FFF5FF



3B2847



251331



12001C



000000



9F87AC



9F87AC



9976AC



A598AC

9365AC

ABA9AC

8D53AC

B1BBAC

8742AC

B7CCAC

8131AC

BDDDAC

7B20AC

C3EEAC

750FAC

C9FFAC

7000AC

CFFFAC

D5FFAC

Harmonies

Analogous

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



858EB6



9F87AC



B1829A

Triad

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



9F87AC



A78B69



569B99

Complementary

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



9F87AC



94AC87

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.



679A84



9F87AC



949169

Square

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



9F87AC



B48574



7D9773



5699AB

Rectangle

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



9F87AC



B7818D



7D9773



5B9B92

Sweetspot

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



9F87AC



DCD3E0



8795AC



6D6870



F0F0F0



707070

Same Dimension

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



9F87AC



CCA6E0



AC87A7



544E57



620096



0F0017

Inverse Universe

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



AC8794



E0A6BB



87AC8C



574E51



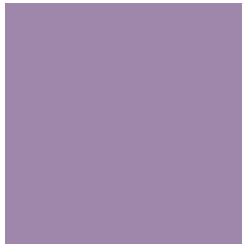
960035



170008

Previews

White Background



This preview shows how the Hex color 9F87AC looks on a white background.

Color Contrast Check

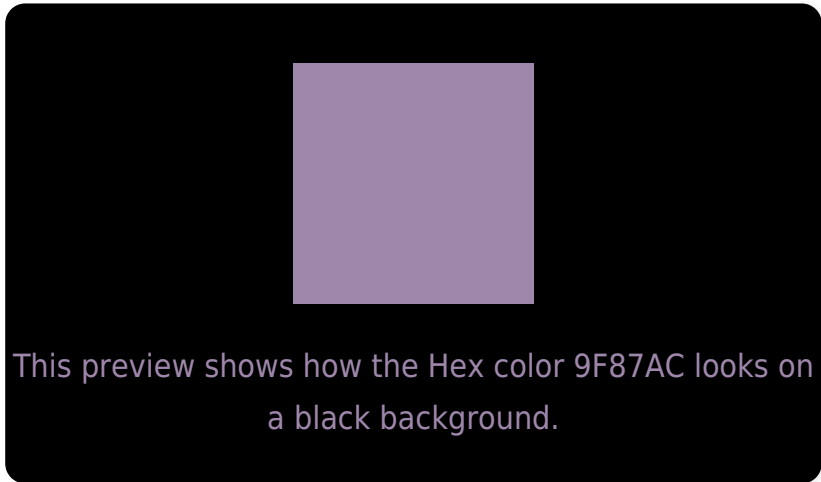
Large Text (above 18pt) WCAG AA ✓ Pass

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

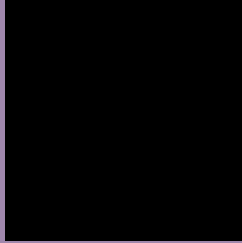
Any Text WCAG AA ✓ Pass

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 9F87AC Background



This preview shows how black text looks on a background with the Hex color 9F87AC.

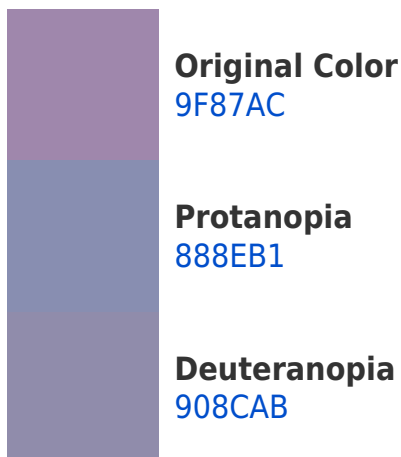


This preview shows how white text looks on a background with the Hex color 9F87AC.

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](#).

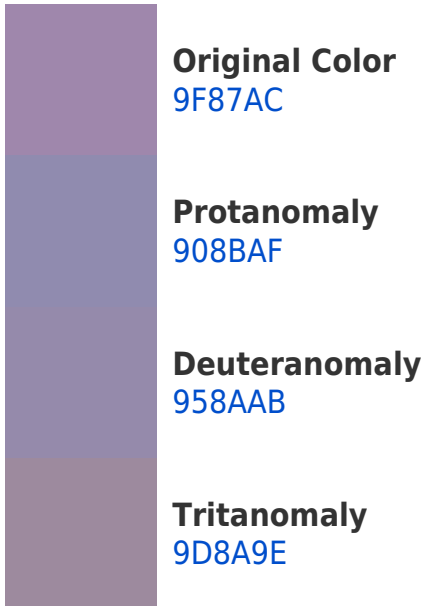
Dichromacy



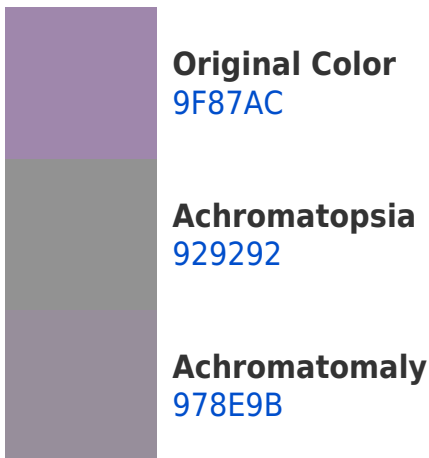


Tritanopia
9C8B96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9F87AC 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 #9F87AC looks like.

```
.text, #text, p{  
    color:#9F87AC  
}
```

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 #9F87AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F87AC }  
}
```

Border

The CSS property to change the border of an element to Hex 9F87AC is called "border". The border property can be set on classes, ids or directly on the HTML element.

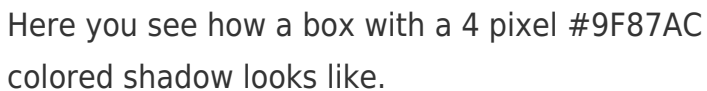
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #9F87AC }  
}
```

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

```
.border{ border-color:#9F87AC }
```

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



Here you see how a box with a 4 pixel #9F87AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F87AC; -webkit-box-shadow:4px 4px  
4px 4px #9F87AC; box-shadow:4px 4px 4px  
4px #9F87AC }
```

Background

The CSS property to change the background color of an element to Hex 9F87AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F87AC }
```

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

```
.background{ background-color:#9F87AC }
```

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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