

Converting Colors

Hex(9C80AC)

Have a look what the booklet for
Hex(9C80AC) contains.

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Color

Hex(9C80AC)

Conversions

Conversions Part 1

Format	Color
Hex	9C80AC
RGB	156, 128, 172
RGB Percent	61%, 50%, 67%
CMY	0.3882, 0.4980, 0.3255
CMYK	0.09, 0.26, 0.00, 0.33
HSL	278°, 21%, 59%
HSV	278°, 26%, 67%
XYZ	28.8759, 25.4848, 42.4269
YIQ	141.3880, 2.5640, 19.6200

Conversions

Conversions Part 2

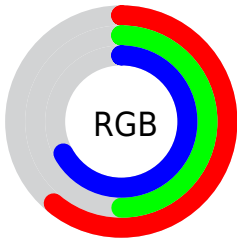
Format	Color
R _{YB}	156, 128, 172
Decimal	10256556
CIE Lab	57.54, 19.12, -19.28
CIE LCh	58, 27.154, 314.768
Yxy	25.4848, 0.2983, 0.2633
Android (android.graphics.Color)	4288446636 (0xFF9C80AC)
YUV	141.3880, 15.0917, 12.8147
Hunter-Lab	50.4825, 13.7572, -14.4912

Details

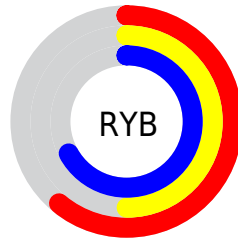
The Hex color **9C80AC** is a light color, and the websafe version is hex **996699**. A complement of this color would be **90AC80**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **D3B5E3**, and **684F78** is the 20% darker color. If you saturate the color by 10%, you get **966FAC**, and if you desaturate by 10%, it is **A291AC**.

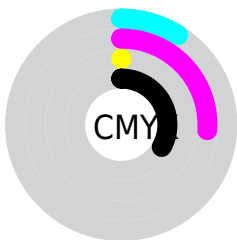
Distribution



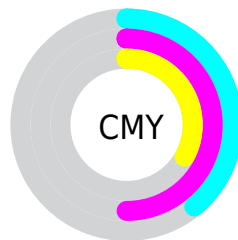
- Red (61%)
- Green (50%)
- Blue (67%)



- Red (61%)
- Yellow (50%)
- Blue (67%)



- Cyan (9%)
- Magenta (26%)
- Yellow (0%)
- Black (33%)



- Cyan (39%)
- Magenta (50%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9C80AC 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 9C80AC by changing the saturation by 10% instead.

 9C80AC

 9C80AC

FFFFFF

 826791

 D3B5E3

 684F78

 EFD1FF

 50375F

 FFEDFF

 382247

 220D30

 05001B

 000000

 9C80AC

 9C80AC

 966FAC

 A291AC

 8F5EAC

 A9A2AC

 894CAC

 AFB4AC

 833BAC

 B5C5AC

 7D2AAC

 BBD6AC

 7619AC

 C2E7AC

 7008AC

 C8F8AC

 6D00AC

 CEFFAC

 D4FFAC

Harmonies

Analogous

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



7C88B8



9C80AC



B17A97

Triad

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



9C80AC



A5855D



409795

Complementary

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



9C80AC



90AC80

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.



58967D



9C80AC



8F8C5C

Square

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



9C80AC



B57D6A



749368



3E95AB

Rectangle

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



9C80AC



B87887



749368



47978D

Sweetspot

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



9C80AC



DACEE0



8090AC



6C6570



F0F0F0



707070

Same Dimension

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



9C80AC



C79BE0



AC80A6



544E57



600096



0F0017

Inverse Universe

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



AC8090



E09BB4



80AC86



574E51



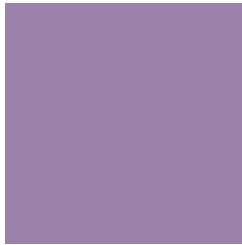
960037



170008

Previews

White Background



This preview shows how the Hex color 9C80AC looks on a white background.

Color Contrast Check

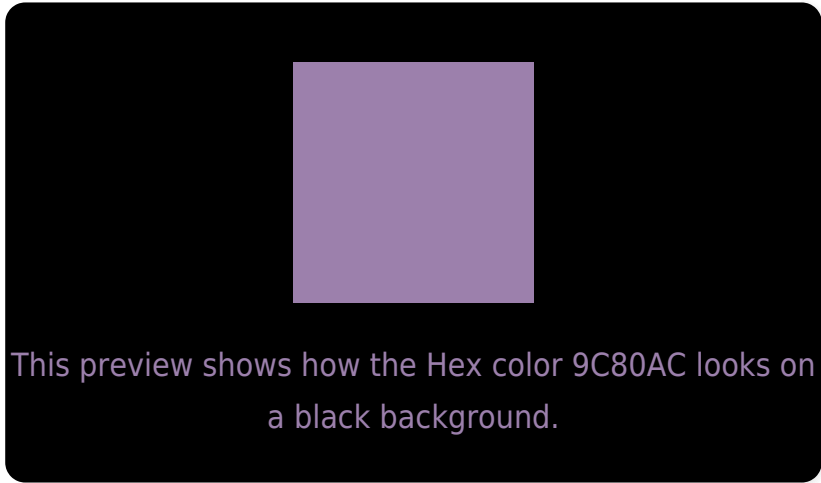
Large Text (above 18pt) WCAG AA ✓ Pass

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

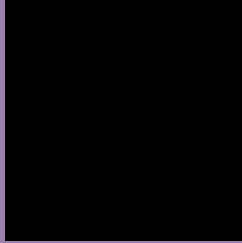
Any Text WCAG AA ✓ Pass

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 9C80AC Background



This preview shows how black text looks on a background with the Hex color 9C80AC.

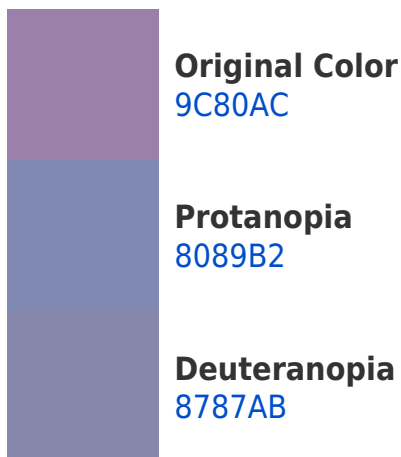


This preview shows how white text looks on a background with the Hex color 9C80AC.

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
988590

Trichromacy



Original Color
9C80AC

Protanomaly
8A86B0

Deuteranomaly
8F84AB

Tritanomaly
99839A

Monochromacy



Original Color
9C80AC

Achromatopsia
8D8D8D

Achromatomaly
928898

CSS Examples

Text

The CSS property to change the color of the text to Hex 9C80AC 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 #9C80AC looks like.

```
.text, #text, p{  
    color:#9C80AC  
}
```

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 #9C80AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C80AC
}
```

Border

The CSS property to change the border of an element to Hex 9C80AC is called "border". The border property can be set on classes, ids or directly on the HTML element.

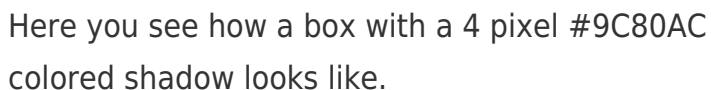
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9C80AC }
```

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

```
.border{ border-color:#9C80AC }
```

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



Here you see how a box with a 4 pixel #9C80AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C80AC; -webkit-box-shadow:4px 4px  
4px 4px #9C80AC; box-shadow:4px 4px 4px  
4px #9C80AC }
```

Background

The CSS property to change the background color of an element to Hex 9C80AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C80AC }
```

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

```
.background{ background-color:#9C80AC }
```

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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