

# Converting Colors

Hex(9C7A80)

Have a look what the booklet for  
Hex(9C7A80) contains.

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**Color**

**Hex(9C7A80)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C7A80
RGB	156, 122, 128
RGB Percent	61%, 48%, 50%
CMY	0.3882, 0.5216, 0.4980
CMYK	0.00, 0.22, 0.18, 0.39
HSL	349°, 15%, 55%
HSV	349°, 22%, 61%
XYZ	24.5661, 22.5455, 23.4790
YIQ	132.8500, 18.3380, 9.0740

# Conversions

## Conversions Part 2

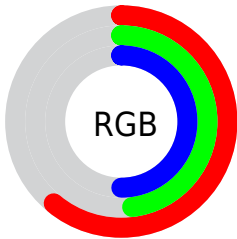
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	156, 122, 128
Decimal	10254976
CIE <sub>Lab</sub>	54.60, 14.18, 1.79
CIE <sub>LCh</sub>	55, 14.293, 7.209
Yxy	22.5455, 0.3480, 0.3194
Android (android.graphics.Color)	4288445056 (0xFF9C7A80)
YUV	132.8500, -2.3910, 20.3026
Hunter-Lab	47.4821, 9.2580, 3.9197

# Details

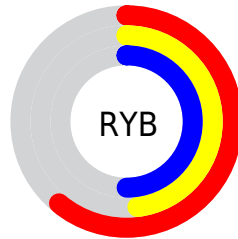
The Hex color **9C7A80** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **7A9C96**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **D3AFB5**, and **68494F** is the 20% darker color. If you saturate the color by 10%, you get **9C6A73**, and if you desaturate by 10%, it is **9C8A8D**.

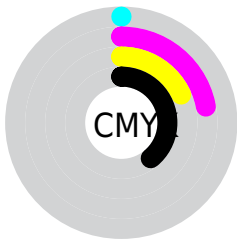
# Distribution



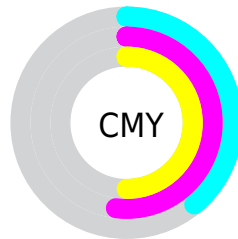
- Red (61%)
- Green (48%)
- Blue (50%)



- Red (61%)
- Yellow (48%)
- Blue (50%)



- Cyan (0%)
- Magenta (22%)
- Yellow (18%)
- Black (39%)



- Cyan (39%)
- Magenta (52%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C7A80 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 9C7A80 by changing the saturation by 10% instead.



 9C7A80

 9C7A80

FFFFFF

 826167

 D3AFB5

 68494F

 EFCAD0

 503238

 FFE6ED

 381D23

 23060D

 000000

 9C7A80

 9C7A80

 9C6A73

 9C8A8D

 9C5B66

 9C999A

 9C4B59

 9CA9A7

 9C3C4D

 9CB8B3

 9C2C40

 9CC8C0

 9C1C33

 9CD8CD

 9C0D26

 9CE7DA

 9C001C

 9CF7E7

 9CFFF4

# Harmonies

## Analogous

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



957B8C



9C7A80



9C7B74

# Triad

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



9C7A80



7B866F



6A8699

# Complementary

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



9C7A80



7A9C96

# 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.



628991



9C7A80



6E8979

# Square

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



9C7A80



89836A



648A85



79839B

# Rectangle

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



9C7A80



987D6E



648A85



668897



# Sweetspot

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



9C7A80



CCBEC0



967A9C



665E5F



E6E6E6



666666



# Same Dimension

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



9C7A80



CC97A0



9C857A



4F4749



8F0019



0F0003



# Inverse Universe

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



9C7A80



CC97A0



7A919C



4F4749



8F0019

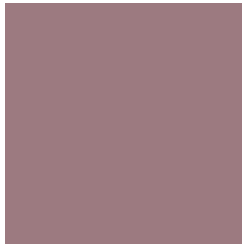


0F0003



# Previews

## White Background



This preview shows how the Hex color 9C7A80 looks on a white background.

## Color Contrast Check

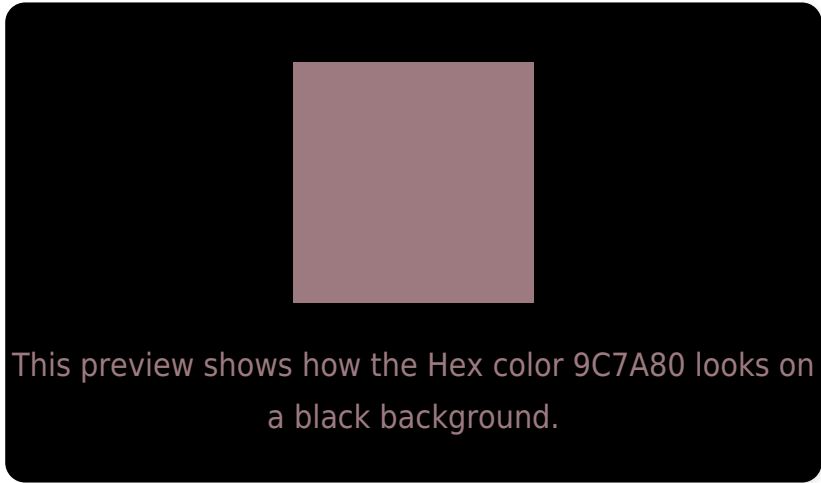
Large Text (above 18pt) WCAG AA ✓ Pass

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

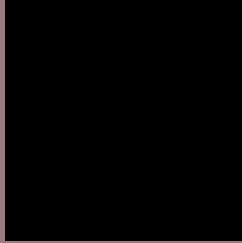
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9C7A80 Background



This preview shows how black text looks on a background with the Hex color 9C7A80.



This preview shows how white text looks on a background with the Hex color 9C7A80.

# 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



**Original Color**  
9C7A80

**Protanopia**  
858285

**Deuteranopia**  
917F7F



**Tritanopia**  
9C7A83

# Trichromacy



**Original Color**  
9C7A80

**Protanomaly**  
8D7F83

**Deuteranomaly**  
957D7F

**Tritanomaly**  
9C7A82

# Monochromacy



**Original Color**  
9C7A80

**Achromatopsia**  
858585

**Achromatomaly**  
8D8183

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C7A80 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 #9C7A80 looks like.

```
.text, #text, p{  
    color:#9C7A80  
}
```

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 #9C7A80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C7A80
}
```

## Border

The CSS property to change the border of an element to Hex 9C7A80 is called "border". The border property can be set on classes, ids or directly on the HTML element.

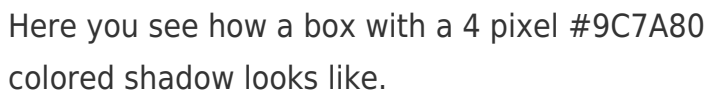
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9C7A80 }
```

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

```
.border{ border-color:#9C7A80 }
```

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



Here you see how a box with a 4 pixel #9C7A80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C7A80; -webkit-box-shadow:4px 4px  
4px 4px #9C7A80; box-shadow:4px 4px 4px  
4px #9C7A80 }
```

# Background

The CSS property to change the background color of an element to Hex 9C7A80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C7A80 }
```

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

```
.background{ background-color:#9C7A80 }
```

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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