

# Converting Colors

Hex(9C7E8D)

Have a look what the booklet for  
Hex(9C7E8D) contains.

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# Color

Hex(9C7E8D)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C7E8D
RGB	156, 126, 141
RGB Percent	61%, 49%, 55%
CMY	0.3882, 0.5059, 0.4471
CMYK	0.00, 0.19, 0.10, 0.39
HSL	330°, 13%, 55%
HSV	330°, 19%, 61%
XYZ	25.9789, 23.9127, 28.4457
YIQ	136.6800, 13.0650, 11.0250

# Conversions

## Conversions Part 2

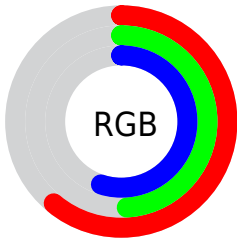
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	156, 126, 141
Decimal	10256013
CIE Lab	56.00, 14.14, -3.72
CIE LCh	56, 14.621, 345.277
Yxy	23.9127, 0.3316, 0.3053
Android (android.graphics.Color)	4288446093 (0xFF9C7E8D)
YUV	136.6800, 2.1298, 16.9436
Hunter-Lab	48.9006, 9.2535, -0.2588

# Details

The Hex color **9C7E8D** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **7E9C8D**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **D3B3C3**, and **684D5B** is the 20% darker color. If you saturate the color by 10%, you get **9C6E85**, and if you desaturate by 10%, it is **9C8E95**.

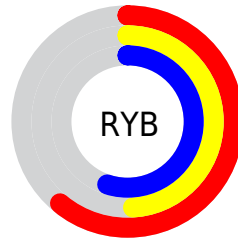
# Distribution



Red (61%)

Green (49%)

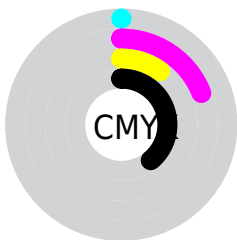
Blue (55%)



Red (61%)

Yellow (49%)

Blue (55%)

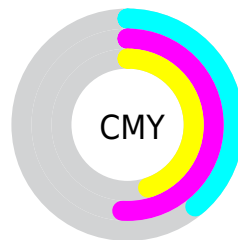


Cyan (0%)

Magenta (19%)

Yellow (10%)

Black (39%)



Cyan (39%)

Magenta (51%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C7E8D 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 9C7E8D by changing the saturation by 10% instead.



■ 9C7E8D

■ 9C7E8D

FFFFFF

■ 826573

■ D3B3C3

■ 684D5B

■ EFCEDE

■ 503643

■ FFEFBF

■ 39202D

■ 230B19

■ 000000

■ 9C7E8D

■ 9C7E8D

■ 9C6E85

■ 9C8E95

■ 9C5F7D

■ 9C9D9D

 9C4F76

 9CADA4

 9C406E

 9CBCAC

 9C3066

 9CCCB4

 9C205E

 9CDCBC

 9C1156

 9CEBC4

 9C014F

 9CFBCB

 9C004E

 9CFFD3

# Harmonies

## Analogous

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



908198



9C7E8D



A17D80

# Triad

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



9C7E8D



89876E



668C98

# Complementary

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



9C7E8D



7E9C8D

# 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.



658E8C



9C7E8D



7B8B74

# Square

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



9C7E8D



96836E



6D8D7F



70899E

# Rectangle

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



9C7E8D



A07F78



6D8D7F



658D94



# Sweetspot

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



9C7E8D



CCC0C6



8D7E9C



665F62



E6E6E6



666666



# Same Dimension

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



9C7E8D



CC9DB5



9C7E7E



4F474B



8F0047



0F0008



# Inverse Universe

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



9C7E8D



CC9DB5



7E9C9C



4F474B



8F0047

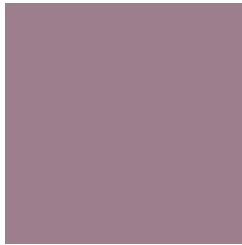


0F0008



# Previews

## White Background



This preview shows how the Hex color 9C7E8D looks on a white background.

## Color Contrast Check

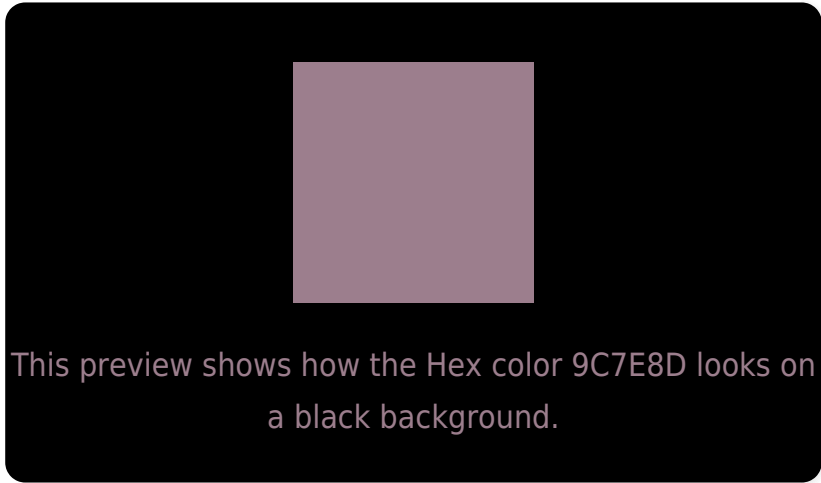
Large Text (above 18pt) WCAG AA ✓ Pass

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

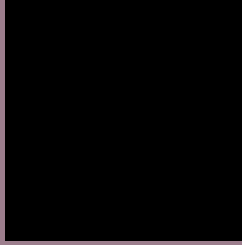
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

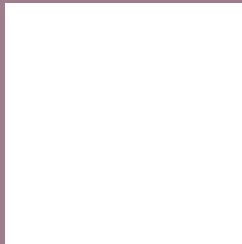
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9C7E8D Background



This preview shows how black text looks on a background with the Hex color 9C7E8D.



This preview shows how white text looks on a background with the Hex color 9C7E8D.

# 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**  
9C7E8D

**Protanopia**  
868692

**Deuteranopia**  
91828C



**Tritanopia**  
9B7F89

# Trichromacy



**Original Color**  
9C7E8D

**Protanomaly**  
8E8390

**Deuteranomaly**  
95818C

**Tritanomaly**  
9B7F8A

# Monochromacy



**Original Color**  
9C7E8D

**Achromatopsia**  
898989

**Achromatomaly**  
90858A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C7E8D 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 #9C7E8D looks like.

```
.text, #text, p{  
    color:#9C7E8D  
}
```

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 #9C7E8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C7E8D
}
```

## Border

The CSS property to change the border of an element to Hex 9C7E8D is called "border". The border property can be set on classes, ids or directly on the HTML element.

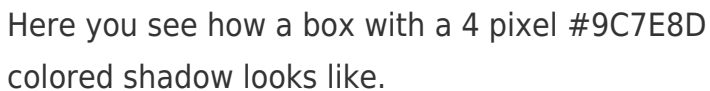
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9C7E8D }
```

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

```
.border{ border-color:#9C7E8D }
```

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



Here you see how a box with a 4 pixel #9C7E8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C7E8D; -webkit-box-shadow:4px 4px  
4px 4px #9C7E8D; box-shadow:4px 4px 4px  
4px #9C7E8D }
```

# Background

The CSS property to change the background color of an element to Hex 9C7E8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C7E8D }
```

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

```
.background{ background-color:#9C7E8D }
```

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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