

# Converting Colors

Hex(9C747D)

Have a look what the booklet for  
Hex(9C747D) contains.

<b>Hex(9C747D)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(9C747D)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C747D
RGB	156, 116, 125
RGB Percent	61%, 45%, 49%
CMY	0.3882, 0.5451, 0.5098
CMYK	0.00, 0.26, 0.20, 0.39
HSL	346°, 17%, 53%
HSV	346°, 26%, 61%
XYZ	23.6574, 21.0394, 22.2162
YIQ	128.9860, 20.9510, 11.2790

# Conversions

## Conversions Part 2

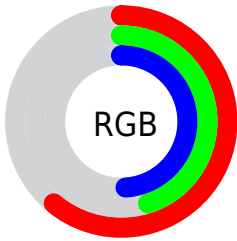
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	156, 116, 125
Decimal	10253437
CIE <sub>Lab</sub>	52.99, 17.14, 1.21
CIE <sub>LCh</sub>	53, 17.179, 4.040
Yxy	21.0394, 0.3536, 0.3144
Android (android.graphics.Color)	4288443517 (0xFF9C747D)
YUV	128.9860, -1.9651, 23.6913
Hunter-Lab	45.8687, 11.7934, 3.3914

# Details

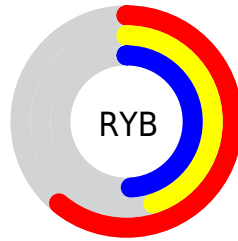
The Hex color **9C747D** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **749C93**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **D3A8B2**, and **68434C** is the 20% darker color. If you saturate the color by 10%, you get **9C6471**, and if you desaturate by 10%, it is **9C8489**.

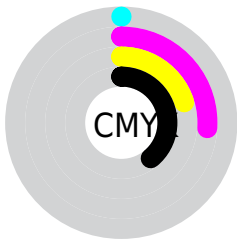
# Distribution



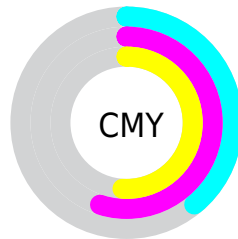
- Red (61%)
- Green (45%)
- Blue (49%)



- Red (61%)
- Yellow (45%)
- Blue (49%)



- Cyan (0%)
- Magenta (26%)
- Yellow (20%)
- Black (39%)



- Cyan (39%)
- Magenta (55%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C747D 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 9C747D by changing the saturation by 10% instead.



 9C747D

 9C747D

FFFFFF

 825B64

 D3A8B2

 68434C

 F0C4CD

 4F2D36

 FFE0E9

 371720

 FFFCFF

 240009

 000000

 9C747D

 9C747D

 9C6471

 9C8489

 9C5565

 9C9395

 9C4559

 9CA3A1

 9C364D

 9CB2AD

 9C2641

 9CC2B9

 9C1634

 9CD2C6

 9C0728

 9CE1D2

 9C0023

 9CF1DE

 9CFFEA

# Harmonies

## Analogous

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



93768C



9C747D



9C756F

# Triad

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



9C747D



778366



5E8499

# Complementary

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



9C747D



749C93

# 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.



55868E



9C747D



678671

# Square

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



9C747D



887E61



5A8780



707F9C

# Rectangle

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



9C747D



987867



5A8780



5A8596



# Sweetspot

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



9C747D



CCBCBF



93749C



665C5E



E6E6E6



666666



# Same Dimension

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



9C747D



CC8D9B



9C7F74



4F4749



8F0020



0F0003



# Inverse Universe

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



9C747D



CC8D9B



74919C



4F4749



8F0020

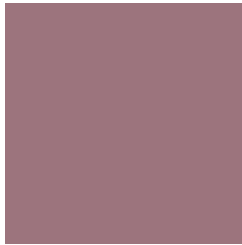


0F0003



# Previews

## White Background



This preview shows how the Hex color 9C747D looks on a white background.

## Color Contrast Check

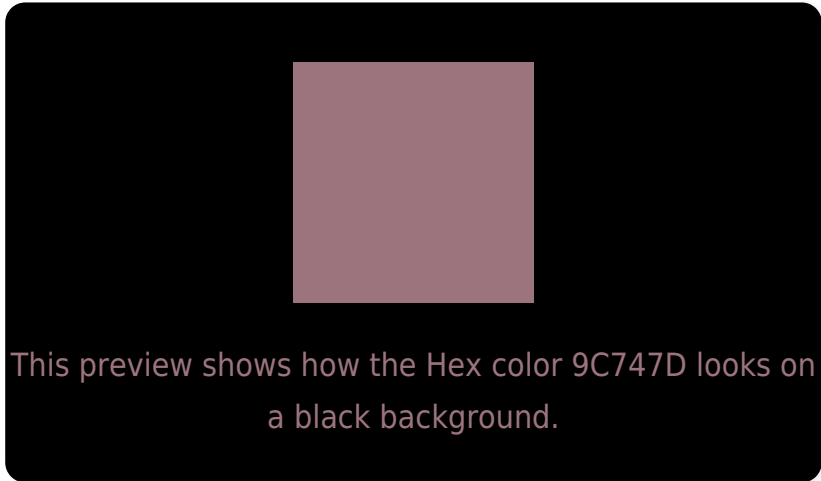
Large Text (above 18pt) WCAG AA ✓ Pass

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

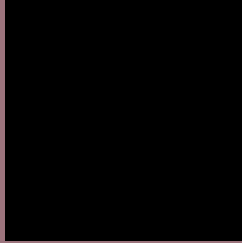
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9C747D Background



This preview shows how black text looks on a background with the Hex color 9C747D.



This preview shows how white text looks on a background with the Hex color 9C747D.

# 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**  
9C747D

**Protanopia**  
807E83

**Deuteranopia**  
8C7B7C



**Tritanopia**  
9C747D

# Trichromacy



**Original Color**  
9C747D

**Protanomaly**  
8A7A81

**Deuteranomaly**  
92787C

**Tritanomaly**  
9C747D

# Monochromacy



**Original Color**  
9C747D

**Achromatopsia**  
818181

**Achromatomaly**  
8B7C80

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C747D 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 #9C747D looks like.

```
.text, #text, p{  
    color:#9C747D  
}
```

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 #9C747D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C747D
}
```

## Border

The CSS property to change the border of an element to Hex 9C747D is called "border". The border property can be set on classes, ids or directly on the HTML element.

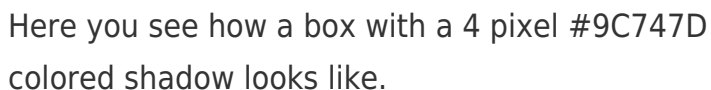
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9C747D }
```

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

```
.border{ border-color:#9C747D }
```

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



Here you see how a box with a 4 pixel #9C747D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C747D; -webkit-box-shadow:4px 4px  
4px 4px #9C747D; box-shadow:4px 4px 4px  
4px #9C747D }
```

# Background

The CSS property to change the background color of an element to Hex 9C747D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C747D }
```

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

```
.background{ background-color:#9C747D }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor