

# Converting Colors

Hex(9C7768)

Have a look what the booklet for  
Hex(9C7768) contains.

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**Color**

**Hex(9C7768)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C7768
RGB	156, 119, 104
RGB Percent	61%, 47%, 41%
CMY	0.3882, 0.5333, 0.5922
CMYK	0.00, 0.24, 0.33, 0.39
HSL	17°, 21%, 51%
HSV	17°, 33%, 61%
XYZ	22.8058, 21.2610, 15.9985
YIQ	128.3530, 26.8670, 3.1790

# Conversions

## Conversions Part 2

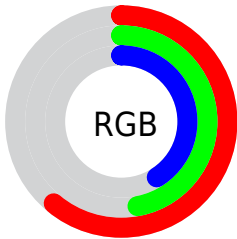
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	156, 125, 104
Decimal	10254184
CIE <sub>Lab</sub>	53.23, 12.28, 13.83
CIE <sub>LCh</sub>	53, 18.494, 48.412
Yxy	21.2610, 0.3797, 0.3540
Android (android.graphics.Color)	4288444264 (0xFF9C7768)
YUV	128.3530, -12.0060, 24.2464
Hunter-Lab	46.1097, 7.5940, 11.7052

# Details

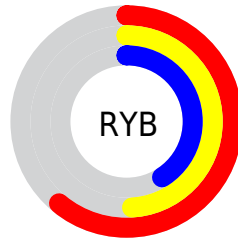
The Hex color **9C7768** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **688D9C**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **D3AB9B**, and **674639** is the 20% darker color. If you saturate the color by 10%, you get **9C6C58**, and if you desaturate by 10%, it is **9C8278**.

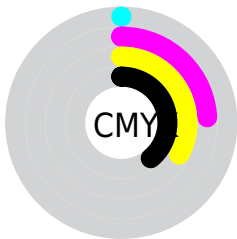
# Distribution



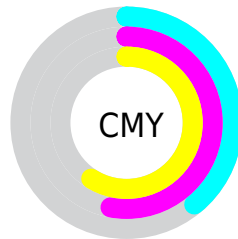
- Red (61%)
- Green (47%)
- Blue (41%)



- Red (61%)
- Yellow (49%)
- Blue (41%)



- Cyan (0%)
- Magenta (24%)
- Yellow (33%)
- Black (39%)



- Cyan (39%)
- Magenta (53%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C7768 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 9C7768 by changing the saturation by 10% instead.





9C7768



9C7768

FFFFFF



815E50



D3AB9B



674639



F0C7B6



4E3023



FFE3D2



361B0E



FFFEE



210200



000000



9C7768



9C7768



9C6C58



9C8278



9C6149



9C8D87

 9C5639

 9C9897

 9C4B2A

 9CA3A6

 9C3F1A

 9CAFB6

 9C340A

 9CBAC6

 9C2D00

 9CC5D5

 9CD0E5

 9CDBF4

# Harmonies

## Analogous

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



A07476



9C7768



917C60

# Triad

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



9C7768



5E8878



7A7D9D

# Complementary

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



9C7768



688D9C

# 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.



64829E



9C7768



538889

# Square

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



9C7768



6F856A



558696



8E7894

# Rectangle

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



9C7768



868060



558696



727F9E



# Sweetspot

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



9C7768



CCBDB8



9C688D



665D5A



E6E6E6



666666



# Same Dimension

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



9C7768



CC927A



9C9168



4F4947



8F2900



0F0400



# Inverse Universe

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



688D9C



7AB4CC



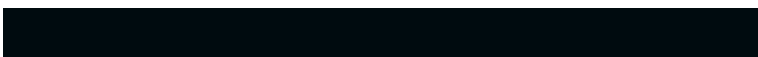
68739C



474D4F



00668F



000B0F



# Previews

## White Background



This preview shows how the Hex color 9C7768 looks on a white background.

## Color Contrast Check

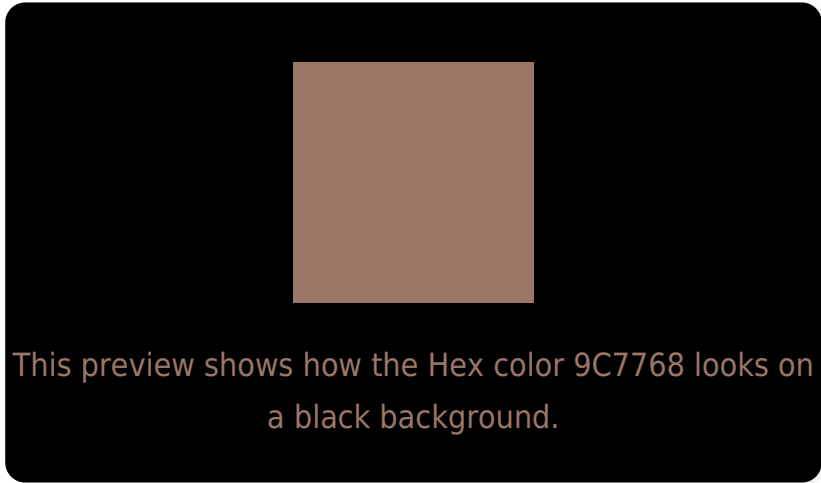
Large Text (above 18pt) WCAG AA ✓ Pass

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

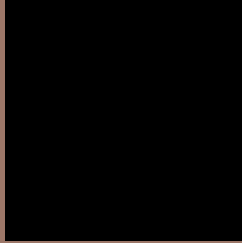
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9C7768 Background



This preview shows how black text looks on a background with the Hex color 9C7768.



This preview shows how white text looks on a background with the Hex color 9C7768.

# 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**  
9C7768

**Protanopia**  
867F6C

**Deuteranopia**  
947A67



**Tritanopia**  
9E747D

# Trichromacy



**Original Color**  
9C7768

**Protanomaly**  
8E7C6B

**Deuteranomaly**  
977967

**Tritanomaly**  
9D7575

# Monochromacy



**Original Color**  
9C7768

**Achromatopsia**  
808080

**Achromatomaly**  
8A7D77

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C7768 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 #9C7768 looks like.

```
.text, #text, p{  
    color:#9C7768  
}
```

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 #9C7768 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C7768
}
```

## Border

The CSS property to change the border of an element to Hex 9C7768 is called "border". The border property can be set on classes, ids or directly on the HTML element.

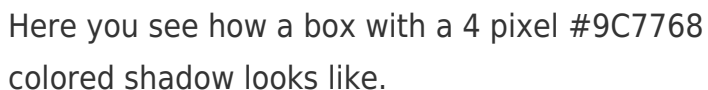
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9C7768 }
```

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

```
.border{ border-color:#9C7768 }
```

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



Here you see how a box with a 4 pixel #9C7768 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C7768; -webkit-box-shadow:4px 4px  
4px 4px #9C7768; box-shadow:4px 4px 4px  
4px #9C7768 }
```

# Background

The CSS property to change the background color of an element to Hex 9C7768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C7768 }
```

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

```
.background{ background-color:#9C7768 }
```

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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