

# Converting Colors

Hex(9C7F59)

Have a look what the booklet for  
Hex(9C7F59) contains.

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**Color**

**Hex(9C7F59)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C7F59
RGB	156, 127, 89
RGB Percent	61%, 50%, 35%
CMY	0.3882, 0.5020, 0.6510
CMYK	0.00, 0.19, 0.43, 0.39
HSL	34°, 27%, 48%
HSV	34°, 43%, 61%
XYZ	23.1028, 22.9679, 12.6668
YIQ	131.3390, 29.4820, -5.6700

# Conversions

## Conversions Part 2

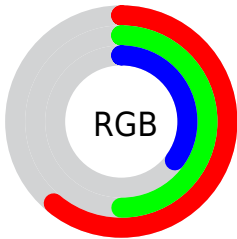
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	140, 156, 89
Decimal	10256217
CIE <sub>Lab</sub>	55.04, 5.84, 24.85
CIE <sub>LCh</sub>	55, 25.525, 76.779
Yxy	22.9679, 0.3933, 0.3910
Android (android.graphics.Color)	4288446297 (0xFF9C7F59)
YUV	131.3390, -20.8731, 21.6277
Hunter-Lab	47.9249, 2.1799, 17.8767

# Details

The Hex color **9C7F59** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **59769C**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **D4B48B**, and **674E2B** is the 20% darker color. If you saturate the color by 10%, you get **9C7849**, and if you desaturate by 10%, it is **9C8669**.

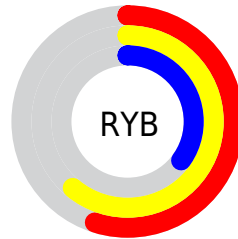
# Distribution



Red (61%)

Green (50%)

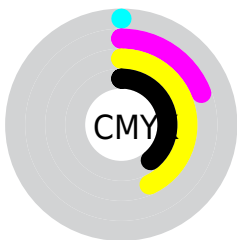
Blue (35%)



Red (55%)

Yellow (61%)

Blue (35%)

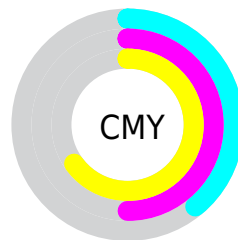


Cyan (0%)

Magenta (19%)

Yellow (43%)

Black (39%)



Cyan (39%)

Magenta (50%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C7F59 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 9C7F59 by changing the saturation by 10% instead.



 9C7F59

 9C7F59

FFFFFF

 816641

 D4B48B

 674E2B

 F1CFA6

 4E3715

 FFEBC1

 362200

 FFFFDD

 1E0D00

 FFFFFA

 000000

 9C7F59

 9C7F59

 9C7849

 9C8669

 9C713A

 9C8D78

 9C6B2A

 9C9388

 9C641B

 9C9A97

 9C5D0B

 9CA1A7

 9C5800

 9CA8B7

 9CAEC6

 9CB5D6

 9CBCE5

# Harmonies

## Analogous

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



AB7864



9C7F59



878659

# Triad

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



9C7F59



3F9090



967AA2

# Complementary

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



9C7F59



59769C

# 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.



7982AE



9C7F59



3F8EA3

# Square

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



9C7F59



548F79



5889AE



A9748E

# Rectangle

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



9C7F59



768A60



5889AE



8D7CA7



# Sweetspot

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



9C7F59



CCC1B1



9C5976



665F56



E6E6E6



666666



# Same Dimension

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



9C7F59



CC9E62



989C59



4F4C47



8F5100



0F0900



# Inverse Universe

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



59769C



6290CC



5D599C



474B4F



003E8F

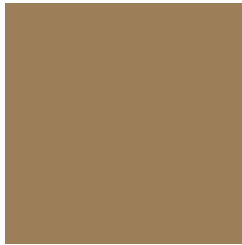


00070F



# Previews

## White Background



This preview shows how the Hex color 9C7F59 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 9C7F59 Background



This preview shows how black text looks on a background with the Hex color 9C7F59.



This preview shows how white text looks on a background with the Hex color 9C7F59.

# 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**  
9C7F59

**Protanopia**  
8F845B

**Deuteranopia**  
9E7E59



**Tritanopia**  
A07A83

# Trichromacy



**Original Color**  
9C7F59

**Protanomaly**  
94825A

**Deuteranomaly**  
9D7E59

**Tritanomaly**  
9F7C74

# Monochromacy



**Original Color**  
9C7F59

**Achromatopsia**  
838383

**Achromatomaly**  
8C8274

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C7F59 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 #9C7F59 looks like.

```
.text, #text, p{  
    color:#9C7F59  
}
```

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 #9C7F59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C7F59
}
```

## Border

The CSS property to change the border of an element to Hex 9C7F59 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
#9C7F59 }
```

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

```
.border{ border-color:#9C7F59 }
```

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

Here you see how a box with a 4 pixel #9C7F59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C7F59; -webkit-box-shadow:4px 4px  
4px 4px #9C7F59; box-shadow:4px 4px 4px  
4px #9C7F59 }
```

# Background

The CSS property to change the background color of an element to Hex 9C7F59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C7F59 }
```

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

```
.background{ background-color:#9C7F59 }
```

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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