

# Converting Colors

Hex(9C6D57)

Have a look what the booklet for  
Hex(9C6D57) contains.

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**Color**

**Hex(9C6D57)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C6D57
RGB	156, 109, 87
RGB Percent	61%, 43%, 34%
CMY	0.3882, 0.5725, 0.6588
CMYK	0.00, 0.30, 0.44, 0.39
HSL	19°, 28%, 48%
HSV	19°, 44%, 61%
XYZ	20.8992, 18.6933, 11.5235
YIQ	120.5450, 35.0740, 3.1220

# Conversions

## Conversions Part 2

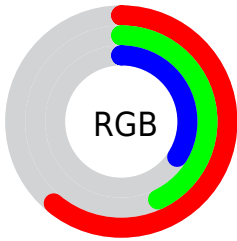
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	156, 119, 87
Decimal	10251607
CIE Lab	50.33, 15.90, 19.75
CIE LCh	50, 25.356, 51.173
Yxy	18.6933, 0.4089, 0.3657
Android (android.graphics.Color)	4288441687 (0xFF9C6D57)
YUV	120.5450, -16.5377, 31.0940
Hunter-Lab	43.2358, 10.6205, 14.4627

# Details

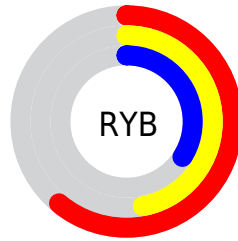
The Hex color **9C6D57** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **57869C**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **D4A189**, and **663D29** is the 20% darker color. If you saturate the color by 10%, you get **9C6247**, and if you desaturate by 10%, it is **9C7867**.

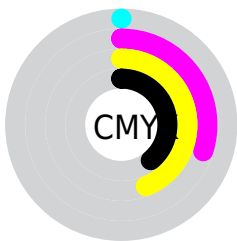
# Distribution



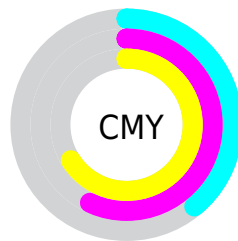
- Red (61%)
- Green (43%)
- Blue (34%)



- Red (61%)
- Yellow (47%)
- Blue (34%)



- Cyan (0%)
- Magenta (30%)
- Yellow (44%)
- Black (39%)



- Cyan (39%)
- Magenta (57%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C6D57 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 9C6D57 by changing the saturation by 10% instead.



 9C6D57

 9C6D57

FFFFFF

 815540

 D4A189

 663D29

 F1BCA3

 4D2715

 FFD8BE

 351200

 FFF4DA

 1E0001

 FFFFF7

 000000

 9C6D57

 9C6D57

 9C6247

 9C7867

 9C5838

 9C8276

 9C4D28

 9C8D86

 9C4219

 9C9895

 9C3809

 9CA2A5

 9C3200

 9CADB5

 9CB7C4

 9CC2D4

 9CCDE3

# Harmonies

## Analogous

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



A36869



9C6D57



8C744D

# Triad

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



9C6D57



448370



7275A0

# Complementary

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



9C6D57



57869C

# 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.



517CA2



9C6D57



308387

# Square

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



9C6D57



5E805C



348199



8D6D93

# Rectangle

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



9C6D57



7F794D



348199



6777A2



# Sweetspot

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



9C6D57



CCBAB1



9C5786



665B56



E6E6E6



666666



# Same Dimension

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



9C6D57



CC8260



9C8F57



4F4A47



8F2E00



0F0500



# Inverse Universe

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



57869C



60AACC



57649C



474D4F



00618F



000A0F



# Previews

## White Background



This preview shows how the Hex color 9C6D57 looks on a white background.

## Color Contrast Check

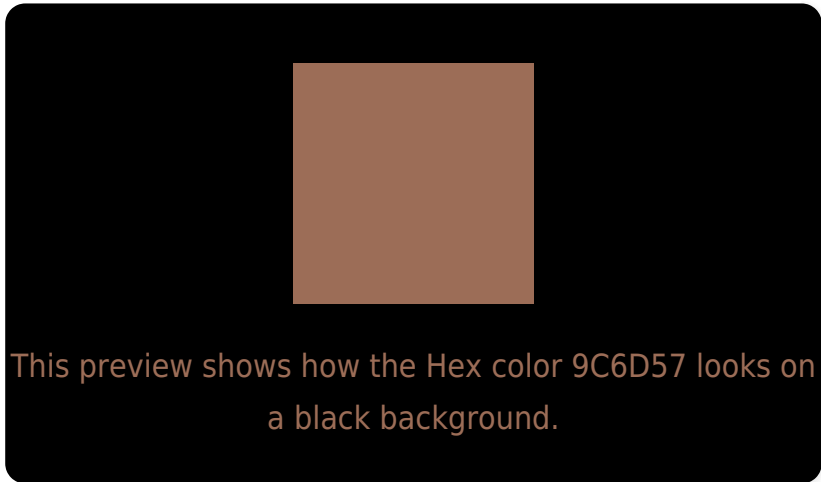
Large Text (above 18pt) WCAG AA ✓ Pass

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

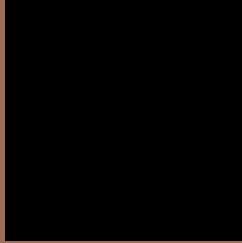
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9C6D57 Background



This preview shows how black text looks on a background with the Hex color 9C6D57.



This preview shows how white text looks on a background with the Hex color 9C6D57.

# 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**  
9C6D57

**Protanopia**  
80785C

**Deuteranopia**  
8F7356



**Tritanopia**  
9E6971

# Trichromacy



**Original Color**  
9C6D57

**Protanomaly**  
8A745A

**Deuteranomaly**  
947156

**Tritanomaly**  
9D6A68

# Monochromacy



**Original Color**  
9C6D57

**Achromatopsia**  
797979

**Achromatomaly**  
86756D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C6D57 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 #9C6D57 looks like.

```
.text, #text, p{  
    color:#9C6D57  
}
```

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 #9C6D57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C6D57
}
```

## Border

The CSS property to change the border of an element to Hex 9C6D57 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
#9C6D57 }
```

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

```
.border{ border-color:#9C6D57 }
```

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

Here you see how a box with a 4 pixel #9C6D57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C6D57; -webkit-box-shadow:4px 4px  
4px 4px #9C6D57; box-shadow:4px 4px 4px  
4px #9C6D57 }
```

# Background

The CSS property to change the background color of an element to Hex 9C6D57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C6D57 }
```

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

```
.background{ background-color:#9C6D57 }
```

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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