

# Converting Colors

Hex(9C6757)

Have a look what the booklet for  
Hex(9C6757) contains.

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**Color**

**Hex(9C6757)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C6757
RGB	156, 103, 87
RGB Percent	61%, 40%, 34%
CMY	0.3882, 0.5961, 0.6588
CMYK	0.00, 0.34, 0.44, 0.39
HSL	14°, 28%, 48%
HSV	14°, 44%, 61%
XYZ	20.2808, 17.4565, 11.3174
YIQ	117.0230, 36.7240, 6.2600

# Conversions

## Conversions Part 2

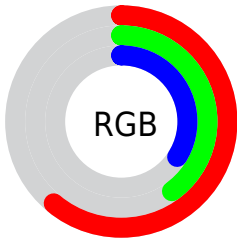
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	156, 108, 87
Decimal	10250071
CIE <sub>Lab</sub>	48.83, 19.34, 17.74
CIE <sub>LCh</sub>	49, 26.245, 42.530
Yxy	17.4565, 0.4134, 0.3559
Android (android.graphics.Color)	4288440151 (0xFF9C6757)
YUV	117.0230, -14.8013, 34.1828
Hunter-Lab	41.7810, 13.5286, 13.1866

# Details

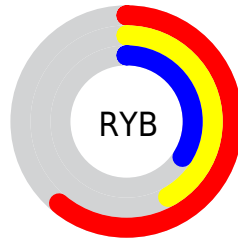
The Hex color **9C6757** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **578C9C**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **D49A89**, and **66372A** is the 20% darker color. If you saturate the color by 10%, you get **9C5B47**, and if you desaturate by 10%, it is **9C7367**.

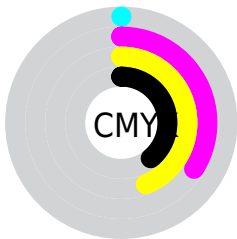
# Distribution



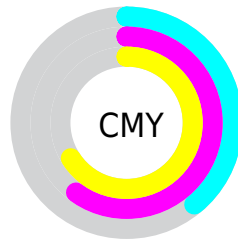
- Red (61%)
- Green (40%)
- Blue (34%)



- Red (61%)
- Yellow (42%)
- Blue (34%)



- Cyan (0%)
- Magenta (34%)
- Yellow (44%)
- Black (39%)



- Cyan (39%)
- Magenta (60%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C6757 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 9C6757 by changing the saturation by 10% instead.



 9C6757

 9C6757

FFFFFF

 814F40

 D49A89

 66372A

 F1B5A3

 4C2115

 FFD1BE

 340C00

 FFEDDA

 1C0001

 FFFFF7

 000000

 9C6757

 9C6757

 9C5B47

 9C7367

 9C4F38

 9C7F76

 9C4328

 9C8B86

 9C3719

 9C9795

 9C2B09

 9CA3A5

 9C2400

 9CAFB5

 9CBBC4

 9CC7D4

 9CD3E3

# Harmonies

## Analogous

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



A0636B



9C6757



8E6E4A

# Triad

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



9C6757



467F66



64739F

# Complementary

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



9C6757



578C9C

# 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.



407A9E



9C6757



2B807D

# Square

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



9C6757



617C53



247E91



836B95

# Rectangle

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



9C6757



817347



247E91



5876A0



# Sweetspot

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



9C6757



CCB8B1



9C578D



665956



E6E6E6



666666



# Same Dimension

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



9C6757



CC7960



9C8857



4F4947



8F2100



0F0400



# Inverse Universe

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



578C9C



60B3CC



576B9C



474D4F



006E8F



000C0F



# Previews

## White Background



This preview shows how the Hex color 9C6757 looks on a white 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

# Black 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

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



## Hex 9C6757 Background



This preview shows how black text looks on a background with the Hex color 9C6757.



This preview shows how white text looks on a background with the Hex color 9C6757.

# 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**  
9C6757

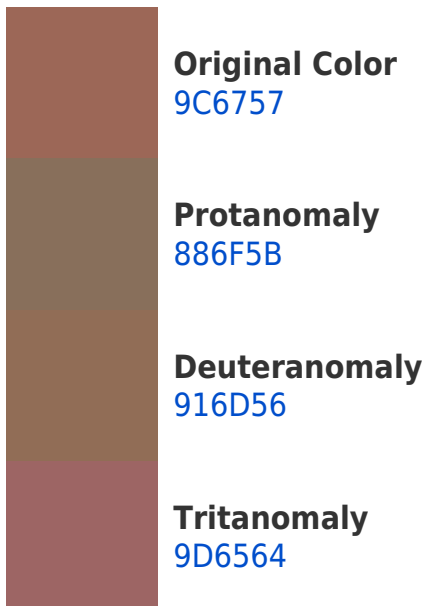
**Protanopia**  
7C745D

**Deuteranopia**  
8A7055

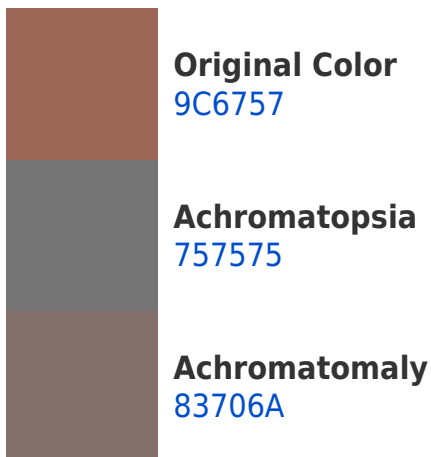


**Tritanopia**  
9E646C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C6757 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 #9C6757 looks like.

```
.text, #text, p{  
    color:#9C6757  
}
```

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 #9C6757 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C6757
}
```

## Border

The CSS property to change the border of an element to Hex 9C6757 is called "border". The border property can be set on classes, ids or directly on the HTML element.

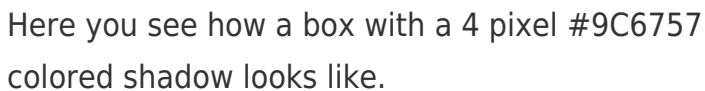
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9C6757 }
```

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

```
.border{ border-color:#9C6757 }
```

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



Here you see how a box with a 4 pixel #9C6757 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C6757; -webkit-box-shadow:4px 4px  
4px 4px #9C6757; box-shadow:4px 4px 4px  
4px #9C6757 }
```

# Background

The CSS property to change the background color of an element to Hex 9C6757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C6757 }
```

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

```
.background{ background-color:#9C6757 }
```

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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