

# Converting Colors

Hex(9C5E60)

Have a look what the booklet for  
Hex(9C5E60) contains.

<b>Hex(9C5E60)</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(9C5E60)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C5E60
RGB	156, 94, 96
RGB Percent	61%, 37%, 38%
CMY	0.3882, 0.6314, 0.6235
CMYK	0.00, 0.40, 0.38, 0.39
HSL	358°, 25%, 49%
HSV	358°, 40%, 61%
XYZ	19.8243, 15.9179, 13.0939
YIQ	112.7660, 36.3100, 13.7660

# Conversions

## Conversions Part 2

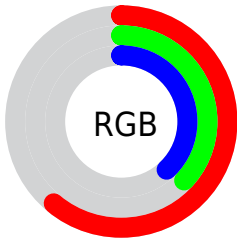
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	156, 94, 96
Decimal	10247776
CIE Lab	46.87, 25.55, 9.67
CIE LCh	47, 27.315, 20.737
Yxy	15.9179, 0.4059, 0.3259
Android (android.graphics.Color)	4288437856 (0xFF9C5E60)
YUV	112.7660, -8.2656, 37.9162
Hunter-Lab	39.8972, 18.8739, 8.4695

# Details

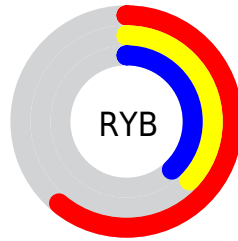
The Hex color **9C5E60** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **5E9C9A**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **D49192**, and **662E32** is the 20% darker color. If you saturate the color by 10%, you get **9C4E51**, and if you desaturate by 10%, it is **9C6E6F**.

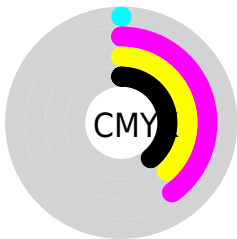
# Distribution



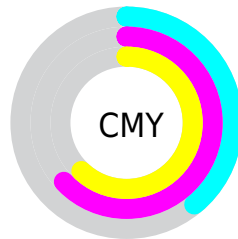
- Red (61%)
- Green (37%)
- Blue (38%)



- Red (61%)
- Yellow (37%)
- Blue (38%)



- Cyan (0%)
- Magenta (40%)
- Yellow (38%)
- Black (39%)



- Cyan (39%)
- Magenta (63%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C5E60 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 9C5E60 by changing the saturation by 10% instead.



 9C5E60

 9C5E60

FFFFFF

 814648

 D49192

 662E32

 F1ACAD

 4C171D

 FFC8C8

 340103

 FFE4E4

 190001

 000000

 9C5E60

 9C5E60

 9C4E51

 9C6E6F

 9C3F42

 9C7D7E

 9C2F33

 9C8D8D

 9C2024

 9C9C9C

 9C1015

 9CACAB

 9C0005

 9CBCBB

 9CCBCA

 9CDBD9

 9CEAE8

# Harmonies

## Analogous

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



975E77



9C5E60



95634C

# Triad

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



9C5E60



547851



42739C

# Complementary

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



9C5E60



5E9C9A

# 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.



1A7992



9C5E60



367B67

# Square

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



9C5E60



6E7343



167B7F



676C9A

# Rectangle

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



9C5E60



8B6944



167B7F



34769A



# Sweetspot

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



9C5E60



CCB4B4



9A5E9C



665858



E6E6E6



666666



# Same Dimension

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



9C5E60



CC6A6D



9C7B5E



4F4747



8F0005



0F0000



# Inverse Universe

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



9C5E60



CC6A6D



5E7F9C



4F4747



8F0005

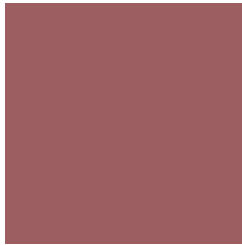


0F0000



# Previews

## White Background



This preview shows how the Hex color 9C5E60 looks on a white background.

## Color Contrast Check

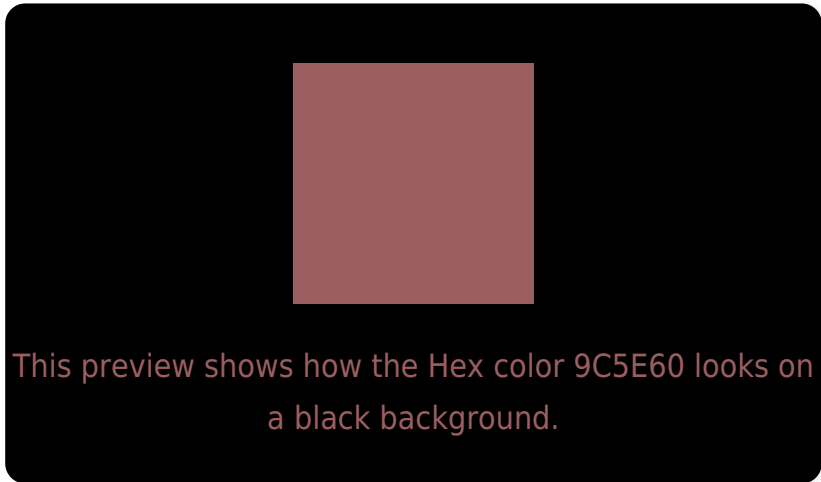
Large Text (above 18pt) WCAG AA ✓ Pass

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 9C5E60 Background



This preview shows how black text looks on a background with the Hex color 9C5E60.



This preview shows how white text looks on a background with the Hex color 9C5E60.

# 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**  
9C5E60

**Protanopia**  
736F69

**Deuteranopia**  
816B5E



**Tritanopia**  
9C5D64

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C5E60 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 #9C5E60 looks like.

```
.text, #text, p{  
    color:#9C5E60  
}
```

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 #9C5E60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C5E60
}
```

## Border

The CSS property to change the border of an element to Hex 9C5E60 is called "border". The border property can be set on classes, ids or directly on the HTML element.

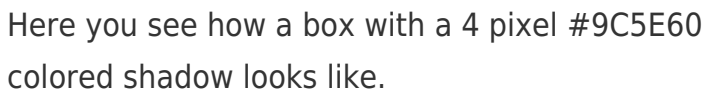
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9C5E60 }
```

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

```
.border{ border-color:#9C5E60 }
```

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



Here you see how a box with a 4 pixel #9C5E60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C5E60; -webkit-box-shadow:4px 4px  
4px 4px #9C5E60; box-shadow:4px 4px 4px  
4px #9C5E60 }
```

# Background

The CSS property to change the background color of an element to Hex 9C5E60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C5E60 }
```

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

```
.background{ background-color:#9C5E60 }
```

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