

# Converting Colors

Hex(9D5C63)

Have a look what the booklet for  
Hex(9D5C63) contains.

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# Color

Hex(9D5C63)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9D5C63
RGB	157, 92, 99
RGB Percent	62%, 36%, 39%
CMY	0.3843, 0.6392, 0.6118
CMYK	0.00, 0.41, 0.37, 0.38
HSL	354°, 26%, 49%
HSV	354°, 41%, 62%
XYZ	19.9839, 15.7232, 13.7860
YIQ	112.2330, 36.4930, 15.9570

# Conversions

## Conversions Part 2

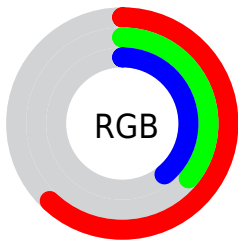
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	157, 92, 99
Decimal	10312803
CIE <sub>Lab</sub>	46.61, 27.45, 7.52
CIE <sub>LCh</sub>	47, 28.459, 15.319
Yxy	15.7232, 0.4038, 0.3177
Android (android.graphics.Color)	4288502883 (0xFF9D5C63)
YUV	112.2330, -6.5239, 39.2607
Hunter-Lab	39.6525, 20.5676, 7.1434

# Details

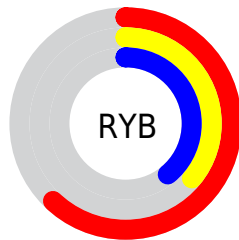
The Hex color **9D5C63** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **5C9D96**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **D58F96**, and **672C35** is the 20% darker color. If you saturate the color by 10%, you get **9D4C55**, and if you desaturate by 10%, it is **9D6C71**.

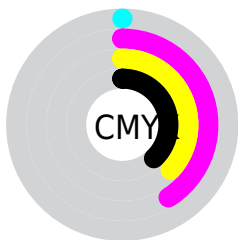
# Distribution



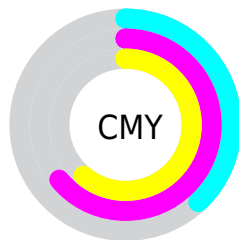
- Red (62%)
- Green (36%)
- Blue (39%)



- Red (62%)
- Yellow (36%)
- Blue (39%)



- Cyan (0%)
- Magenta (41%)
- Yellow (37%)
- Black (38%)



- Cyan (38%)
- Magenta (64%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9D5C63 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 9D5C63 by changing the saturation by 10% instead.



 9D5C63

 9D5C63

FFFFFF

 82444B

 D58F96

 672C35

 F3AAB0

 4D1520

 FFC6CC

 350007

 FFE2E8

 1A0001

 000000

 9D5C63

 9D5C63

 9D4C55

 9D6C71

 9D3D47

 9D7B7F

 9D2D39

 9D8B8D

 9D1D2B

 9D9B9B

 9D0D1D

 9DABA9

 9D0011

 9DBAB7

 9DCAC5

 9DDAD3

 9DE9E1

# Harmonies

## Analogous

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



965D7B



9D5C63



98614E

# Triad

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



9D5C63



57774C



35749C

# Complementary

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



9D5C63



5C9D96

# 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.



007990



9D5C63



387A62

# Square

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



9D5C63



727140



0F7B7A



606D9C

# Rectangle

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



9D5C63



8E6644



0F7B7A



257699



# Sweetspot

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



9D5C63



CCB4B6



955C9D



665859



E6E6E6



666666



# Same Dimension

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



9D5C63



CC6671



9D755C



4F4748



8F000F



0F0002



# Inverse Universe

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



9D5C63



CC6671



5C849D



4F4748



8F000F

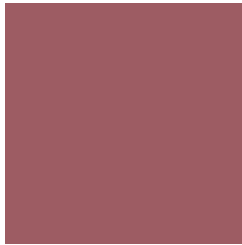


0F0002



# Previews

## White Background



This preview shows how the Hex color 9D5C63 looks on a white background.

## Color Contrast Check

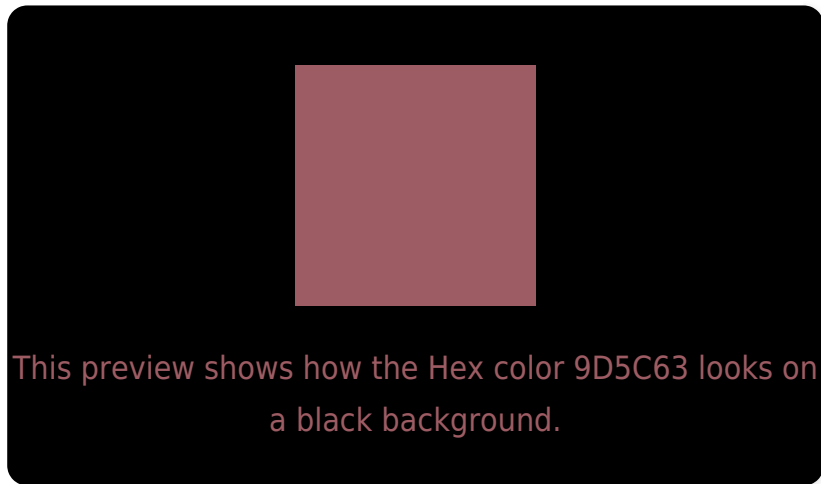
Large Text (above 18pt) WCAG AA ✓ Pass

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 9D5C63 Background



This preview shows how black text looks on a background with the Hex color 9D5C63.



This preview shows how white text looks on a background with the Hex color 9D5C63.

# 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**  
9D5C63

**Protanopia**  
716E6D

**Deuteranopia**  
7F6B60



**Tritanopia**  
9D5C63

# Trichromacy



**Original Color**  
9D5C63

**Protanomaly**  
816769

**Deuteranomaly**  
8A6661

**Tritanomaly**  
9D5C63

# Monochromacy



**Original Color**  
9D5C63

**Achromatopsia**  
707070

**Achromatomaly**  
80696B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9D5C63 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 #9D5C63 looks like.

```
.text, #text, p{  
    color:#9D5C63  
}
```

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 #9D5C63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D5C63
}
```

## Border

The CSS property to change the border of an element to Hex 9D5C63 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
#9D5C63 }
```

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

```
.border{ border-color:#9D5C63 }
```

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

Here you see how a box with a 4 pixel #9D5C63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D5C63; -webkit-box-shadow:4px 4px  
4px 4px #9D5C63; box-shadow:4px 4px 4px  
4px #9D5C63 }
```

# Background

The CSS property to change the background color of an element to Hex 9D5C63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D5C63 }
```

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

```
.background{ background-color:#9D5C63 }
```

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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