

# Converting Colors

Hex(9C5864)

Have a look what the booklet for  
Hex(9C5864) contains.

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# Color

Hex(9C5864)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C5864
RGB	156, 88, 100
RGB Percent	61%, 35%, 39%
CMY	0.3882, 0.6549, 0.6078
CMYK	0.00, 0.44, 0.36, 0.39
HSL	349°, 28%, 48%
HSV	349°, 44%, 61%
XYZ	19.5003, 14.9675, 13.9178
YIQ	109.7000, 36.6760, 18.1480

# Conversions

## Conversions Part 2

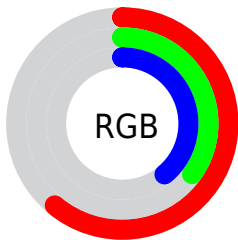
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	156, 88, 100
Decimal	10246244
CIE <sub>Lab</sub>	45.59, 29.42, 5.44
CIE <sub>LCh</sub>	46, 29.924, 10.477
Yxy	14.9675, 0.4030, 0.3093
Android (android.graphics.Color)	4288436324 (0xFF9C5864)
YUV	109.7000, -4.7821, 40.6051
Hunter-Lab	38.6878, 22.2678, 5.7521

# Details

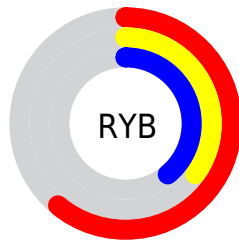
The Hex color **9C5864** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **589C90**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **D48B97**, and **662836** is the 20% darker color. If you saturate the color by 10%, you get **9C4857**, and if you desaturate by 10%, it is **9C6871**.

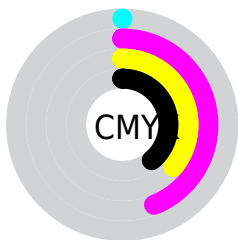
# Distribution



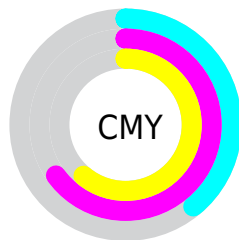
- Red (61%)
- Green (35%)
- Blue (39%)



- Red (61%)
- Yellow (35%)
- Blue (39%)



- Cyan (0%)
- Magenta (44%)
- Yellow (36%)
- Black (39%)



- Cyan (39%)
- Magenta (65%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C5864 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 9C5864 by changing the saturation by 10% instead.



 9C5864

 9C5864

FFFFFF

 81404C

 D48B97

 662836

 F2A6B1

 4C1020

 FFC1CD

 340009

 FFDEE9

 160000

 FFFAFF

 000000

 9C5864

 9C5864

 9C4857

 9C6871

 9C394A

 9C777E

 9C293D

 9C878B

 9C1A31

 9C9697

 9C0A24

 9CA6A4

 9C001C

 9CB6B1

 9CC5BE

 9CD5CB

 9CE4D8

# Harmonies

## Analogous

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



925A7D



9C5864



985C4D

# Triad

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



9C5864



587445



22739B

# Complementary

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



9C5864



589C90

# 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.



00788C



9C5864



37785A

# Square

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



9C5864



736D3A



007974



556B9D

# Rectangle

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



9C5864



906241



007974



057597



# Sweetspot

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



9C5864



CCB1B6



90589C



665659



E6E6E6



666666



# Same Dimension

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



9C5864



CC6275



9C6E58



4F4749



8F0019



0F0003



# Inverse Universe

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



9C5864



CC6275



58869C



4F4749



8F0019

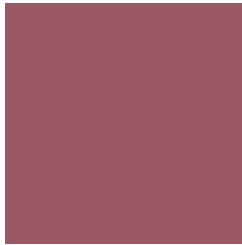


0F0003



# Previews

## White Background



This preview shows how the Hex color 9C5864 looks on a white background.

## Color Contrast Check

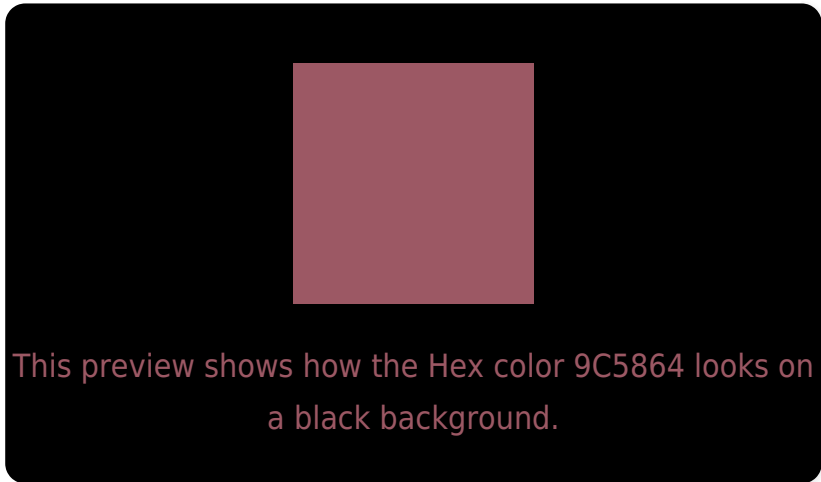
Large Text (above 18pt) WCAG AA ✓ Pass

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 9C5864 Background



This preview shows how black text looks on a background with the Hex color 9C5864.



This preview shows how white text looks on a background with the Hex color 9C5864.

# 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](#).

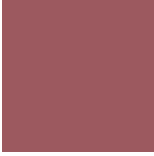
## Dichromacy



**Original Color**  
9C5864

**Protanopia**  
6E6C6F

**Deuteranopia**  
7B6861



**Tritanopia**  
9C595F

# Trichromacy



**Original Color**  
9C5864

**Protanomaly**  
7F656B

**Deuteranomaly**  
876262

**Tritanomaly**  
9C5961

# Monochromacy



**Original Color**  
9C5864

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
7F666A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C5864 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 #9C5864 looks like.

```
.text, #text, p{  
    color:#9C5864  
}
```

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 #9C5864 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C5864
}
```

## Border

The CSS property to change the border of an element to Hex 9C5864 is called "border". The border property can be set on classes, ids or directly on the HTML element.

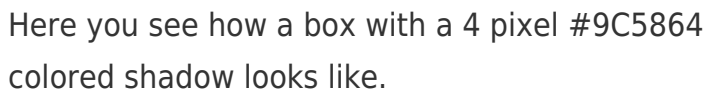
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9C5864 }
```

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

```
.border{ border-color:#9C5864 }
```

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



Here you see how a box with a 4 pixel #9C5864 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C5864; -webkit-box-shadow:4px 4px  
4px 4px #9C5864; box-shadow:4px 4px 4px  
4px #9C5864 }
```

# Background

The CSS property to change the background color of an element to Hex 9C5864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C5864 }
```

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

```
.background{ background-color:#9C5864 }
```

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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