

# Converting Colors

Hex(9F634C)

Have a look what the booklet for  
Hex(9F634C) contains.

<b>Hex(9F634C)</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(9F634C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9F634C
RGB	159, 99, 76
RGB Percent	62%, 39%, 30%
CMY	0.3765, 0.6118, 0.7020
CMYK	0.00, 0.38, 0.52, 0.38
HSL	17°, 35%, 46%
HSV	17°, 52%, 62%
XYZ	20.0644, 16.8164, 9.0259
YIQ	114.3180, 43.1430, 5.5670

# Conversions

## Conversions Part 2

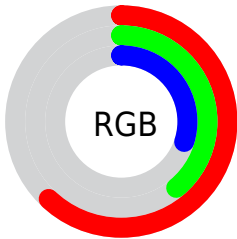
<b>Format</b>	<b>Color</b>
<b>RYB</b>	159, 108, 76
Decimal	10445644
CIELab	48.03, 21.73, 23.19
CIElCh	48, 31.780, 46.857
Yxy	16.8164, 0.4371, 0.3663
Android (android.graphics.Color)	4288635724 (0xFF9F634C)
YUV	114.3180, -18.8908, 39.1861
Hunter-Lab	41.0078, 15.5733, 15.6557

# Details

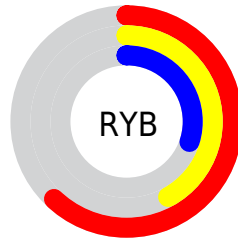
The Hex color **9F634C** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **4C889F**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **D8967D**, and **68331F** is the 20% darker color. If you saturate the color by 10%, you get **9F583C**, and if you desaturate by 10%, it is **9F6E5C**.

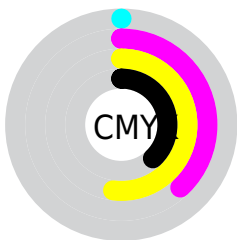
# Distribution



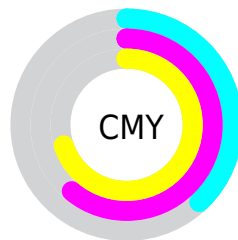
- Red (62%)
- Green (39%)
- Blue (30%)



- Red (62%)
- Yellow (42%)
- Blue (30%)



- Cyan (0%)
- Magenta (38%)
- Yellow (52%)
- Black (38%)



- Cyan (38%)
- Magenta (61%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F634C 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 9F634C by changing the saturation by 10% instead.





9F634C



9F634C

FFFFFF



834B35



D8967D



68331F



F6B197



4E1D09



FFCDB2



340700



FFE9CD



1A0001



FFFFEA



000000



9F634C



9F634C



9F583C



9F6E5C



9F4C2C



9F7A6C

 9F411C

 9F857C

 9F350C

 9F918C

 9F2C00

 9F9C9C

 9FA8AB

 9FB3BB

 9FBFCB

 9FCADB

# Harmonies

## Analogous

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



A65D64



9F634C



8D6C3E

# Triad

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



9F634C



307F65



636FA5

# Complementary

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



9F634C



4C889F

# 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.



2F78A6



9F634C



008081

# Square

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



9F634C



567C4C



007E98



886597

# Rectangle

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



9F634C



7D723C



007E98



5373A7



# Sweetspot

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



9F634C



CFB7AE



9F4C89



695A55



E8E8E8



696969



# Same Dimension

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



9F634C



CF704C



9F8C4C



4F4947



8F2800



0F0400



# Inverse Universe

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



4C889F



4CAACF



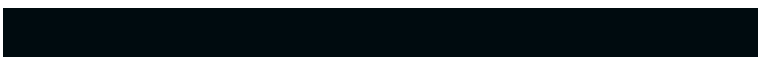
4C5F9F



474D4F



00678F



000B0F



# Previews

## White Background



This preview shows how the Hex color 9F634C looks on a white background.

## Color Contrast Check

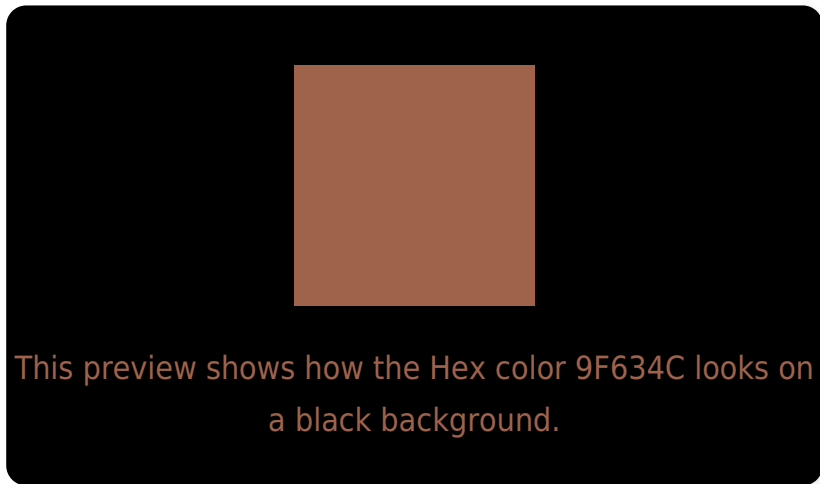
Large Text (above 18pt) WCAG AA ✓ Pass

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

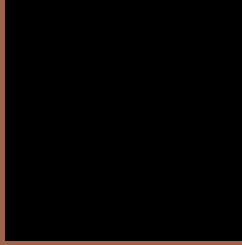
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9F634C Background



This preview shows how black text looks on a background with the Hex color 9F634C.



This preview shows how white text looks on a background with the Hex color 9F634C.

# 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**  
9F634C

**Protanopia**  
7B7252

**Deuteranopia**  
8A6D4A



**Tritanopia**  
A15F66

# Trichromacy



**Original Color**  
9F634C

**Protanomaly**  
886D50

**Deuteranomaly**  
92694B

**Tritanomaly**  
A0605D

# Monochromacy



**Original Color**  
9F634C

**Achromatopsia**  
727272

**Achromatomaly**  
826D64

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F634C 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 #9F634C looks like.

```
.text, #text, p{  
    color:#9F634C  
}
```

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 #9F634C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F634C
}
```

## Border

The CSS property to change the border of an element to Hex 9F634C is called "border". The border property can be set on classes, ids or directly on the HTML element.

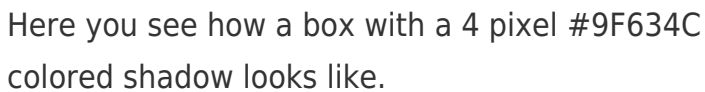
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9F634C }
```

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

```
.border{ border-color:#9F634C }
```

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



Here you see how a box with a 4 pixel #9F634C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F634C; -webkit-box-shadow:4px 4px  
4px 4px #9F634C; box-shadow:4px 4px 4px  
4px #9F634C }
```

# Background

The CSS property to change the background color of an element to Hex 9F634C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F634C }
```

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

```
.background{ background-color:#9F634C }
```

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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