

# Converting Colors

Hex(9E523C)

Have a look what the booklet for  
Hex(9E523C) contains.

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**Color**

**Hex(9E523C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E523C
RGB	158, 82, 60
RGB Percent	62%, 32%, 24%
CMY	0.3804, 0.6784, 0.7647
CMYK	0.00, 0.48, 0.62, 0.38
HSL	13°, 45%, 43%
HSV	13°, 62%, 62%
XYZ	17.9335, 13.6299, 5.9606
YIQ	102.2160, 52.3580, 9.2700

# Conversions

## Conversions Part 2

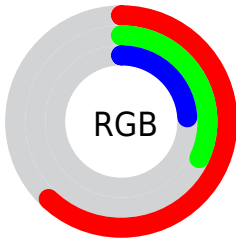
Format	Color
<a href="#">RYB</a>	158, 88, 60
Decimal	10375740
CIELab	43.70, 29.46, 26.99
CIELCh	44, 39.952, 42.490
Yxy	13.6299, 0.4779, 0.3632
Android (android.graphics.Color)	4288565820 (0xFF9E523C)
YUV	102.2160, -20.8125, 48.9226
Hunter-Lab	36.9187, 22.0994, 16.2706

# Details

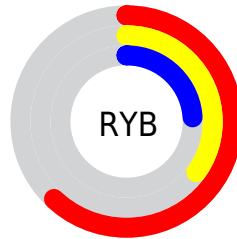
The Hex color **9E523C** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **3C889E**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **D8856C**, and **662211** is the 20% darker color. If you saturate the color by 10%, you get **9E462C**, and if you desaturate by 10%, it is **9E5E4C**.

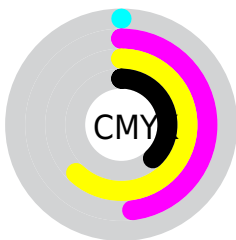
# Distribution



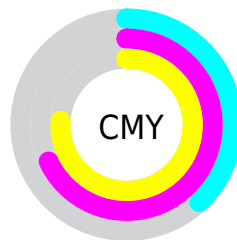
- Red (62%)
- Green (32%)
- Blue (24%)



- Red (62%)
- Yellow (35%)
- Blue (24%)



- Cyan (0%)
- Magenta (48%)
- Yellow (62%)
- Black (38%)



- Cyan (38%)
- Magenta (68%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E523C 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 9E523C by changing the saturation by 10% instead.



 9E523C

 9E523C

FFFFFF

 823A26

 D8856C

 662211

 F69F85

 4B0900

 FFBA0

 310000

 FFD7BB

 060000

 FFF3D6

 000000

 FFFFF3

 9E523C

 9E523C

 9E462C

 9E5E4C

 9E391C

 9E6B5C

 9E2D0D

 9E776B

 9E2300

 9E837B

 9E8F8B

 9E9C9B

 9EA8AB

 9EB4BA

 9EC0CA

# Harmonies

## Analogous

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



A54A5B



9E523C



8A5F26

# Triad

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



9E523C



007652



4566A8

# Complementary

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



9E523C



3C889E

# 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.



0070A6



9E523C



007875

# Square

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



9E523C



487234



007693



7B5998

# Rectangle

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



9E523C



776621



007693



286AA9



# Sweetspot

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



9E523C



CFB0A7



9E3C89



695651



E8E8E8



696969



# Same Dimension

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



9E523C



CF5836



9E823C



4F4947



8F2000



0F0300



# Inverse Universe

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



3C889E



36ACCF



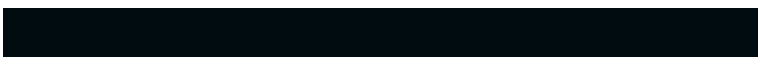
3C589E



474D4F



006F8F



000C0F



# Previews

## White Background



This preview shows how the Hex color 9E523C 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 9E523C Background



This preview shows how black text looks on a background with the Hex color 9E523C.



This preview shows how white text looks on a background with the Hex color 9E523C.

# 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](#).

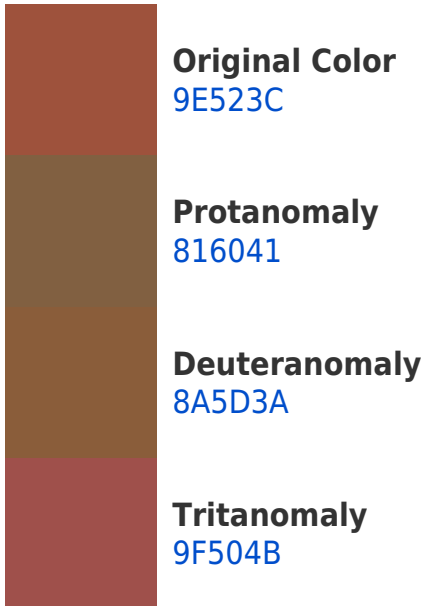
## Dichromacy



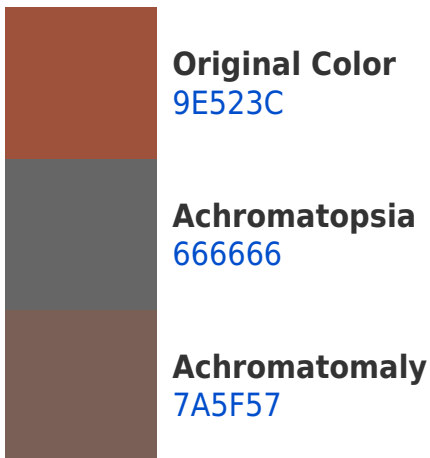


**Tritanopia**  
9F4F54

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E523C 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 #9E523C looks like.

```
.text, #text, p{  
    color:#9E523C  
}
```

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 #9E523C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E523C
}
```

## Border

The CSS property to change the border of an element to Hex 9E523C is called "border". The border property can be set on classes, ids or directly on the HTML element.

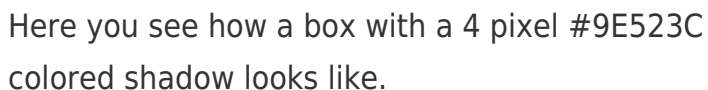
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E523C }
```

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

```
.border{ border-color:#9E523C }
```

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



Here you see how a box with a 4 pixel #9E523C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E523C; -webkit-box-shadow:4px 4px  
4px 4px #9E523C; box-shadow:4px 4px 4px  
4px #9E523C }
```

# Background

The CSS property to change the background color of an element to Hex 9E523C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E523C }
```

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

```
.background{ background-color:#9E523C }
```

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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