

# Converting Colors

Hex(9C5D40)

Have a look what the booklet for  
Hex(9C5D40) contains.

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**Color**

**Hex(9C5D40)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C5D40
RGB	156, 93, 64
RGB Percent	61%, 36%, 25%
CMY	0.3882, 0.6353, 0.7490
CMYK	0.00, 0.40, 0.59, 0.39
HSL	19°, 42%, 43%
HSV	19°, 59%, 61%
XYZ	18.5501, 15.2668, 6.8196
YIQ	108.5310, 46.8570, 4.3370

# Conversions

## Conversions Part 2

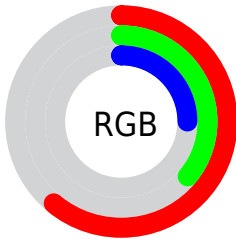
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	156, 106, 64
Decimal	10247488
CIE <sub>Lab</sub>	46.00, 22.80, 27.47
CIE <sub>LCh</sub>	46, 35.694, 50.307
Yxy	15.2668, 0.4565, 0.3757
Android (android.graphics.Color)	4288437568 (0xFF9C5D40)
YUV	108.5310, -21.9538, 41.6303
Hunter-Lab	39.0727, 16.3669, 17.0027

# Details

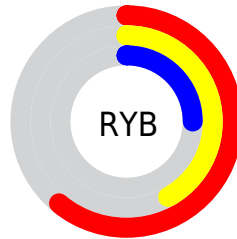
The Hex color **9C5D40** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **407F9C**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **D69070**, and **652E14** is the 20% darker color. If you saturate the color by 10%, you get **9C5230**, and if you desaturate by 10%, it is **9C6850**.

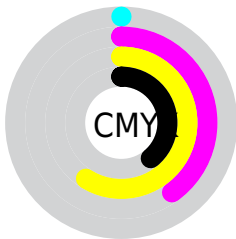
# Distribution



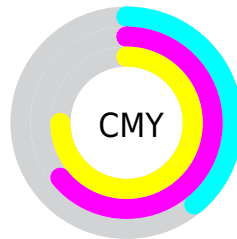
- Red (61%)
- Green (36%)
- Blue (25%)



- Red (61%)
- Yellow (42%)
- Blue (25%)



- Cyan (0%)
- Magenta (40%)
- Yellow (59%)
- Black (39%)



- Cyan (39%)
- Magenta (64%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C5D40 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 9C5D40 by changing the saturation by 10% instead.



 9C5D40

 9C5D40

FFFFFF

 804529

 D69070

 652E14

 F3AB8A

 4B1700

 FFC6A4

 300200

 FFE2C0

 0E0000

 FFFFDC

 000000

 FFFFF8

 9C5D40

 9C5D40

 9C5230

 9C6850

 9C4821

 9C725F

 9C3D11

 9C7D6F

 9C3202

 9C887E

 9C3100

 9C928E

 9C9D9E

 9CA8AD

 9CB2BD

 9CBDCC

# Harmonies

## Analogous

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



A5555A



9C5D40



876831

# Triad

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



9C5D40



0C7C62



6069A5

# Complementary

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



9C5D40



407F9C

# 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.



1973A7



9C5D40



007C81

# Square

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



9C5D40



487845



00799A



885D93

# Rectangle

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



9C5D40



756F30



00799A



4E6DA8



# Sweetspot

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



9C5D40



CCB3A7



9C4080



665750



E6E6E6



666666



# Same Dimension

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



9C5D40



CC693B



9C8A40



4F4A47



8F2D00



0F0500



# Inverse Universe

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



407F9C



3B9ECC



40529C



474D4F



00628F



000A0F



# Previews

## White Background



This preview shows how the Hex color 9C5D40 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

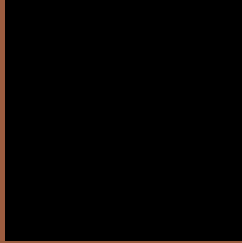
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9C5D40 Background



This preview shows how black text looks on a background with the Hex color 9C5D40.



This preview shows how white text looks on a background with the Hex color 9C5D40.

# 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**  
9C5D40

**Protanopia**  
776D46

**Deuteranopia**  
85683E



**Tritanopia**  
9E595F

# Trichromacy



**Original Color**  
9C5D40

**Protanomaly**  
846744

**Deuteranomaly**  
8D643F

**Tritanomaly**  
9D5A54

# Monochromacy



**Original Color**  
9C5D40

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
7E675D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C5D40 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 #9C5D40 looks like.

```
.text, #text, p{  
    color:#9C5D40  
}
```

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 #9C5D40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C5D40
}
```

## Border

The CSS property to change the border of an element to Hex 9C5D40 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
#9C5D40 }
```

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

```
.border{ border-color:#9C5D40 }
```

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

Here you see how a box with a 4 pixel #9C5D40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C5D40; -webkit-box-shadow:4px 4px  
4px 4px #9C5D40; box-shadow:4px 4px 4px  
4px #9C5D40 }
```

# Background

The CSS property to change the background color of an element to Hex 9C5D40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C5D40 }
```

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

```
.background{ background-color:#9C5D40 }
```

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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