

# Converting Colors

Hex(9C5248)

Have a look what the booklet for  
Hex(9C5248) contains.

<b>Hex(9C5248)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(9C5248)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C5248
RGB	156, 82, 72
RGB Percent	61%, 32%, 28%
CMY	0.3882, 0.6784, 0.7176
CMYK	0.00, 0.47, 0.54, 0.39
HSL	7°, 37%, 45%
HSV	7°, 54%, 61%
XYZ	17.8973, 13.5704, 7.8069
YIQ	102.9860, 47.3140, 12.5780

# Conversions

## Conversions Part 2

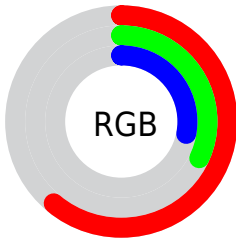
Format	Color
R <sub>Y</sub> B	156, 83, 72
Decimal	10244680
CIE Lab	43.61, 29.64, 19.69
CIE LCh	44, 35.586, 33.592
Yxy	13.5704, 0.4557, 0.3455
Android (android.graphics.Color)	4288434760 (0xFF9C5248)
YUV	102.9860, -15.2761, 46.4933
Hunter-Lab	36.8380, 22.2555, 13.2215

# Details

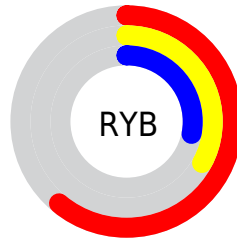
The Hex color **9C5248** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **48929C**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **D68579**, and **65221C** is the 20% darker color. If you saturate the color by 10%, you get **9C4438**, and if you desaturate by 10%, it is **9C6058**.

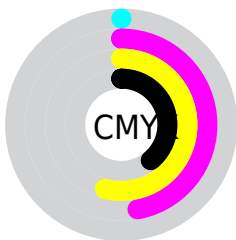
# Distribution



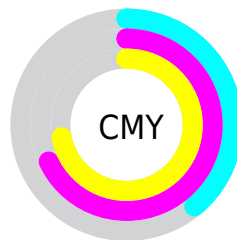
- Red (61%)
- Green (32%)
- Blue (28%)



- Red (61%)
- Yellow (33%)
- Blue (28%)



- Cyan (0%)
- Magenta (47%)
- Yellow (54%)
- Black (39%)



- Cyan (39%)
- Magenta (68%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C5248 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 9C5248 by changing the saturation by 10% instead.



 9C5248

 9C5248

FFFFFF

 803A31

 D68579

 65221C

 F39F92

 4A0903

 FFBBAD

 310000

 FFD7C8

 050000

 FFF3E4

 000000

 9C5248

 9C5248

 9C4438

 9C6058

 9C3729

 9C6D67

 9C2919

 9C7B77

 9C1B0A

 9C8986

 9C1300

 9C9796

 9CA4A6

 9CB2B5

 9CC0C5

 9CCED4

# Harmonies

## Analogous

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



9D4E65



9C5248



8D5C32

# Triad

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



9C5248



2E744C



3969A2

# Complementary

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



9C5248



48929C

# 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.



00719B



9C5248



00766A

# Square

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



9C5248



566F34



007587



6E5E98

# Rectangle

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



9C5248



7E632B



007587



1C6CA1



# Sweetspot

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



9C5248



CCAFAB



9C4892



665553



E6E6E6



666666



# Same Dimension

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



9C5248



CC5747



9C7C48



4F4847



8F1100



0F0200



# Inverse Universe

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



48929C



47BCCC



48689C



474E4F



007E8F



000D0F



# Previews

## White Background



This preview shows how the Hex color 9C5248 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 9C5248 Background



This preview shows how black text looks on a background with the Hex color 9C5248.



This preview shows how white text looks on a background with the Hex color 9C5248.

# 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**  
9C5248

**Protanopia**  
6E6751

**Deuteranopia**  
7C6345



**Tritanopia**  
9D5056

# Trichromacy



**Original Color**  
9C5248

**Protanomaly**  
7F5F4E

**Deuteranomaly**  
885D46

**Tritanomaly**  
9D5151

# Monochromacy



**Original Color**  
9C5248

**Achromatopsia**  
676767

**Achromatomaly**  
7A5F5C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C5248 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 #9C5248 looks like.

```
.text, #text, p{  
    color:#9C5248  
}
```

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 #9C5248 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C5248
}
```

## Border

The CSS property to change the border of an element to Hex 9C5248 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
#9C5248 }
```

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

```
.border{ border-color:#9C5248 }
```

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

Here you see how a box with a 4 pixel #9C5248 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C5248; -webkit-box-shadow:4px 4px  
4px 4px #9C5248; box-shadow:4px 4px 4px  
4px #9C5248 }
```

# Background

The CSS property to change the background color of an element to Hex 9C5248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C5248 }
```

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

```
.background{ background-color:#9C5248 }
```

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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