

Converting Colors

Hex(9C5842)

Have a look what the booklet for
Hex(9C5842) contains.

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Color

Hex(9C5842)

Conversions

Conversions Part 1

Format	Color
Hex	9C5842
RGB	156, 88, 66
RGB Percent	61%, 35%, 26%
CMY	0.3882, 0.6549, 0.7412
CMYK	0.00, 0.44, 0.58, 0.39
HSL	15°, 41%, 44%
HSV	15°, 58%, 61%
XYZ	18.1834, 14.4407, 6.9832
YIQ	105.8240, 47.5900, 7.5740

Conversions

Conversions Part 2

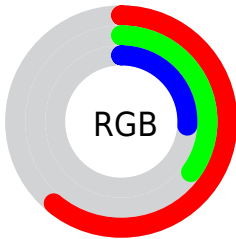
Format	Color
R_{YB}	156, 95, 66
Decimal	10246210
CIE _{Lab}	44.86, 25.78, 24.87
CIE _{LCh}	45, 35.824, 43.970
Yxy	14.4407, 0.4591, 0.3646
Android (android.graphics.Color)	4288436290 (0xFF9C5842)
YUV	105.8240, -19.6332, 44.0044
Hunter-Lab	38.0009, 18.9103, 15.7053

Details

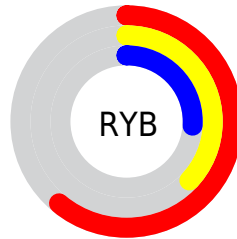
The Hex color **9C5842** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **42869C**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **D68B72**, and **652916** is the 20% darker color. If you saturate the color by 10%, you get **9C4C32**, and if you desaturate by 10%, it is **9C6452**.

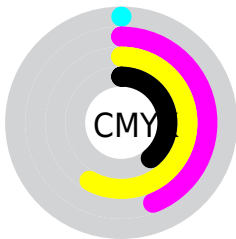
Distribution



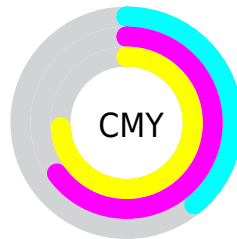
- Red (61%)
- Green (35%)
- Blue (26%)



- Red (61%)
- Yellow (37%)
- Blue (26%)



- Cyan (0%)
- Magenta (44%)
- Yellow (58%)
- Black (39%)



- Cyan (39%)
- Magenta (65%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9C5842 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 9C5842 by changing the saturation by 10% instead.



9C5842



9C5842

FFFFFF



80402C



D68B72



652916



F3A58C



4B1200



FFC1A6



300000



FFDDC2



090000



FFFADE



000000



FFFFFFA



9C5842



9C5842



9C4C32



9C6452

■ 9C4023

■ 9C7061

■ 9C3513

■ 9C7B71

■ 9C2904

■ 9C8780

■ 9C2600

■ 9C9390

■ 9C9FA0

■ 9CABAF

■ 9CB6BF

■ 9CC2CE

Harmonies

Analogous

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



A2515D



9C5842



896330

Triad

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



9C5842



1C7859



5168A4

Complementary

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



9C5842



42869C

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.



0072A3



9C5842



007978

Square

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



9C5842



4D743E



007793



7E5D95

Rectangle

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



9C5842



786A2C



007793



3D6CA6

Sweetspot

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



9C5842



CCB2A9



9C4287



665752



E6E6E6



666666

Same Dimension

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



9C5842



CC623F



9C8442



4F4947



8F2300



0F0400

Inverse Universe

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



42869C



3FAACC



425A9C



474D4F



006C8F



000C0F

Previews

White Background



This preview shows how the Hex color 9C5842 looks on a white background.

Color Contrast Check

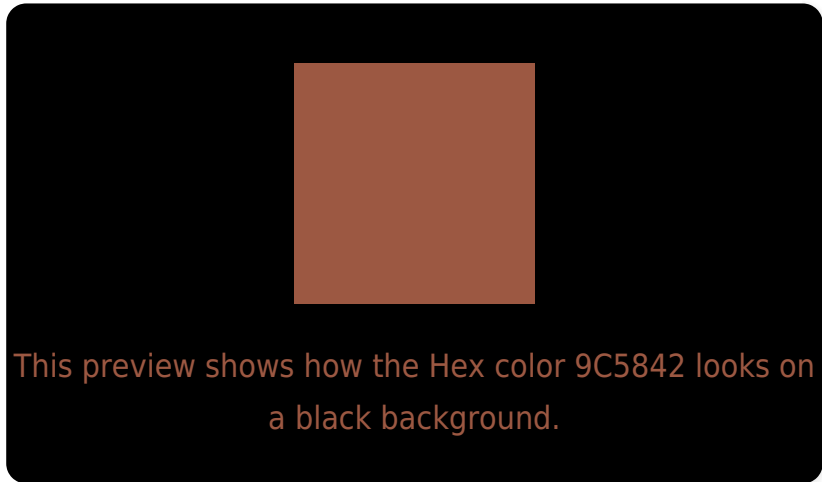
Large Text (above 18pt) WCAG AA ✓ Pass

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

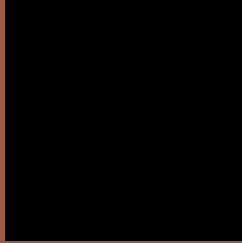
Any Text WCAG AA × Fail

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 9C5842 Background



This preview shows how black text looks on a background with the Hex color 9C5842.



This preview shows how white text looks on a background with the Hex color 9C5842.

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
9C5842

Protanopia
736B49

Deuteranopia
81663F



Tritanopia
9E555B

Trichromacy



Original Color
9C5842

Protanomaly
826446

Deuteranomaly
8B6140

Tritanomaly
9D5652

Monochromacy



Original Color
9C5842

Achromatopsia
6A6A6A

Achromatomaly
7C635B

CSS Examples

Text

The CSS property to change the color of the text to Hex 9C5842 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 #9C5842 looks like.

```
.text, #text, p{  
    color:#9C5842  
}
```

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 #9C5842 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C5842
}
```

Border

The CSS property to change the border of an element to Hex 9C5842 is called "border". The border property can be set on classes, ids or directly on the HTML element.

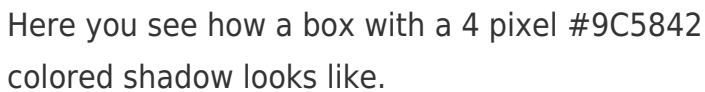
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9C5842 }
```

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

```
.border{ border-color:#9C5842 }
```

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



Here you see how a box with a 4 pixel #9C5842 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C5842; -webkit-box-shadow:4px 4px  
4px 4px #9C5842; box-shadow:4px 4px 4px  
4px #9C5842 }
```

Background

The CSS property to change the background color of an element to Hex 9C5842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C5842 }
```

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

```
.background{ background-color:#9C5842 }
```

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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