

Converting Colors

Hex(9C5D2A)

Have a look what the booklet for
Hex(9C5D2A) contains.

Hex(9C5D2A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9C5D2A)

Conversions

Conversions Part 1

Format	Color
Hex	9C5D2A
RGB	156, 93, 42
RGB Percent	61%, 36%, 16%
CMY	0.3882, 0.6353, 0.8353
CMYK	0.00, 0.40, 0.73, 0.39
HSL	27°, 58%, 39%
HSV	27°, 73%, 61%
XYZ	18.0426, 15.0638, 4.1471
YIQ	106.0230, 53.9190, -2.5050

Conversions

Conversions Part 2

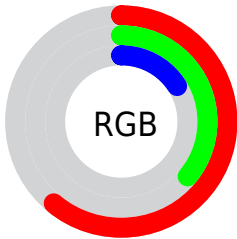
Format	Color
R_{YB}	156, 134, 42
Decimal	10247466
CIE Lab	45.72, 21.32, 39.12
CIE LCh	46, 44.555, 61.416
Yxy	15.0638, 0.4843, 0.4044
Android (android.graphics.Color)	4288437546 (0xFF9C5D2A)
YUV	106.0230, -31.5633, 43.8298
Hunter-Lab	38.8121, 15.0581, 20.8332

Details

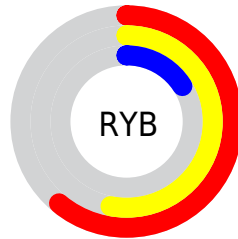
The Hex color **9C5D2A** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **2A699C**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **D6905A**, and **642E00** is the 20% darker color. If you saturate the color by 10%, you get **9C541A**, and if you desaturate by 10%, it is **9C663A**.

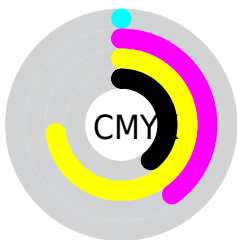
Distribution



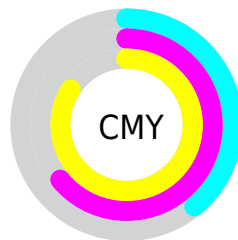
- Red (61%)
- Green (36%)
- Blue (16%)



- Red (61%)
- Yellow (53%)
- Blue (16%)



- Cyan (0%)
- Magenta (40%)
- Yellow (73%)
- Black (39%)



- Cyan (39%)
- Magenta (64%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9C5D2A 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 9C5D2A by changing the saturation by 10% instead.

 9C5D2A

 9C5D2A

FFFFFF

 804512

 D6905A

 642E00

 F4AA73

 491800

 FFC68D

 2E0200

 FFE2A8

 070000

 FFFFC4

 000000

 FFFFEO

 FFFFFD

 9C5D2A

 9C5D2A

■ 9C541A

■ 9C663A

■ 9C4C0B

■ 9C6E49

■ 9C4600

■ 9C7759

■ 9C7F68

■ 9C8878

■ 9C9188

■ 9C9997

■ 9CA2A7

■ 9CABB6

Harmonies

Analogous

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



AE4F48



9C5D2A



7F6B1B

Triad

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



9C5D2A



007E6D



6F62AC

Complementary

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



9C5D2A



2A699C

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.



0F70B7



9C5D2A



007E92

Square

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



9C5D2A



207C47



0079AD



9B5291

Rectangle

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



9C5D2A



667221



0079AD



5A67B2

Sweetspot

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



9C5D2A



CCB39F



9C2A6B



66574B



E6E6E6



666666

Same Dimension

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



9C5D2A



CC6918



9C942A



4F4B47



8F4000



0F0700

Inverse Universe

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



2A699C



187CCC



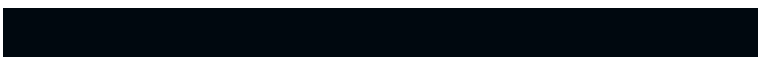
2A329C



474C4F



004F8F



00080F

Previews

White Background



This preview shows how the Hex color 9C5D2A looks on a white background.

Color Contrast Check

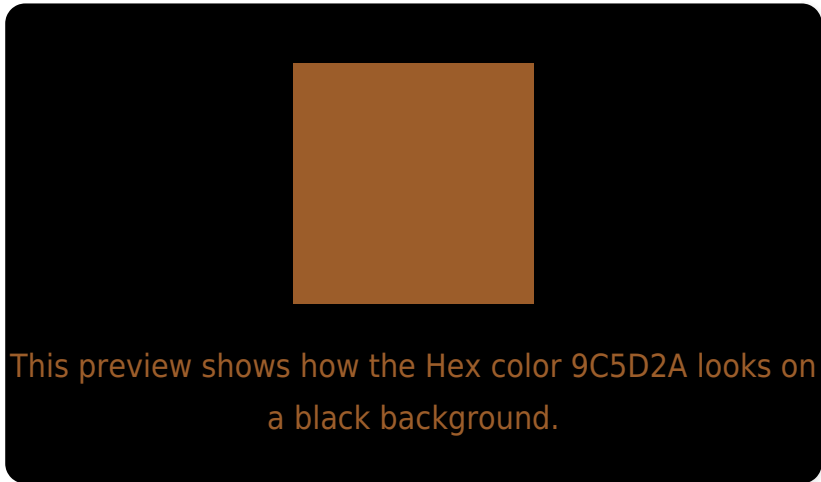
Large Text (above 18pt) WCAG AA ✓ Pass

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 9C5D2A Background



This preview shows how black text looks on a background with the Hex color 9C5D2A.



This preview shows how white text looks on a background with the Hex color 9C5D2A.

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
9C5D2A

Protanopia
796D2F

Deuteranopia
886727



Tritanopia
9F575E

Trichromacy



Original Color
9C5D2A

Protanomaly
86672D

Deuteranomaly
8F6328

Tritanomaly
9E594B

Monochromacy



Original Color
9C5D2A

Achromatopsia
6A6A6A

Achromatomaly
7C6553

CSS Examples

Text

The CSS property to change the color of the text to Hex 9C5D2A 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 #9C5D2A looks like.

```
.text, #text, p{  
    color:#9C5D2A  
}
```

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 #9C5D2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C5D2A
}
```

Border

The CSS property to change the border of an element to Hex 9C5D2A 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
#9C5D2A }
```

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

```
.border{ border-color:#9C5D2A }
```

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

Here you see how a box with a 4 pixel #9C5D2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C5D2A; -webkit-box-shadow:4px 4px  
4px 4px #9C5D2A; box-shadow:4px 4px 4px  
4px #9C5D2A }
```

Background

The CSS property to change the background color of an element to Hex 9C5D2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C5D2A }
```

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

```
.background{ background-color:#9C5D2A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor