

# Converting Colors

Hex(9C5B2A)

Have a look what the booklet for  
Hex(9C5B2A) contains.

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**Color**

**Hex(9C5B2A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9C5B2A
RGB	156, 91, 42
RGB Percent	61%, 36%, 16%
CMY	0.3882, 0.6431, 0.8353
CMYK	0.00, 0.42, 0.73, 0.39
HSL	26°, 58%, 39%
HSV	26°, 73%, 61%
XYZ	17.8693, 14.7173, 4.0894
YIQ	104.8490, 54.4690, -1.4590

# Conversions

## Conversions Part 2

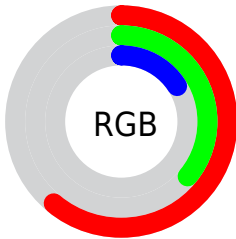
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	156, 128, 42
Decimal	10246954
CIE <sub>Lab</sub>	45.24, 22.45, 38.62
CIE <sub>LCh</sub>	45, 44.668, 59.828
Yxy	14.7173, 0.4872, 0.4013
Android (android.graphics.Color)	4288437034 (0xFF9C5B2A)
YUV	104.8490, -30.9846, 44.8594
Hunter-Lab	38.3631, 16.0089, 20.5340

# Details

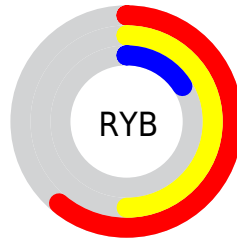
The Hex color **9C5B2A** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **2A6B9C**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **D78E5A**, and **642C00** is the 20% darker color. If you saturate the color by 10%, you get **9C521A**, and if you desaturate by 10%, it is **9C643A**.

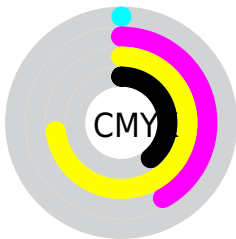
# Distribution



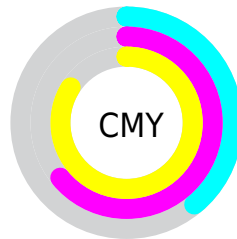
- Red (61%)
- Green (36%)
- Blue (16%)



- Red (61%)
- Yellow (50%)
- Blue (16%)



- Cyan (0%)
- Magenta (42%)
- Yellow (73%)
- Black (39%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C5B2A 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 9C5B2A by changing the saturation by 10% instead.



 9C5B2A

 9C5B2A

FFFFFF

 804312

 D78E5A

 642C00

 F5A873

 481600

 FFC48D

 2E0000

 FFE0A8

 050000

 FFFCC3

 000000

 FFFFDF

 FFFFFC

 9C5B2A

 9C5B2A

 9C521A

 9C643A

 9C490B

 9C6D49

 9C4300

 9C7659

 9C7F68

 9C8778

 9C9088

 9C9997

 9CA2A7

 9CABB6

# Harmonies

## Analogous

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



AD4D48



9C5B2A



7F691A

# Triad

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



9C5B2A



007D6A



6B61AC

# Complementary

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



9C5B2A



2A6B9C

# 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.



006FB6



9C5B2A



007D8F

# Square

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



9C5B2A



237A44



0078AB



985291

# Rectangle

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



9C5B2A



67711F



0078AB



5566B1



# Sweetspot

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



9C5B2A



CCB29F



9C2A6C



66574B



E6E6E6



666666



# Same Dimension

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



9C5B2A



CC6618



9C932A



4F4B47



8F3D00



0F0700



# Inverse Universe

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



2A6B9C



187FCC



2A339C



474C4F



00518F



00090F



# Previews

## White Background



This preview shows how the Hex color 9C5B2A looks on a white background.

## Color Contrast Check

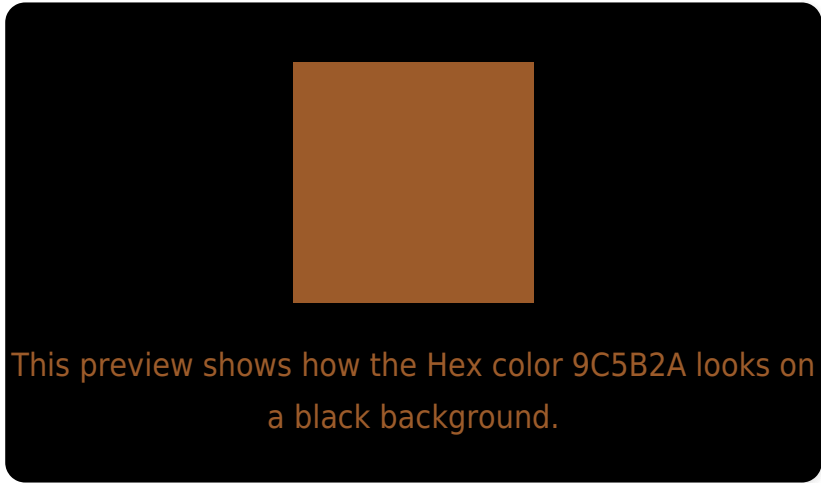
Large Text (above 18pt) WCAG AA ✓ Pass

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

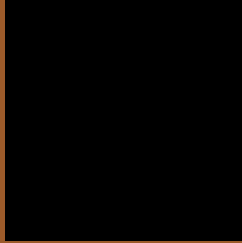
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9C5B2A Background



This preview shows how black text looks on a background with the Hex color 9C5B2A.



This preview shows how white text looks on a background with the Hex color 9C5B2A.

# 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**  
9C5B2A

**Protanopia**  
786C2F

**Deuteranopia**  
866627



**Tritanopia**  
9F565C

# Trichromacy



**Original Color**  
9C5B2A

**Protanomaly**  
85662D

**Deuteranomaly**  
8E6228

**Tritanomaly**  
9E584A

# Monochromacy



**Original Color**  
9C5B2A

**Achromatopsia**  
696969

**Achromatomaly**  
7C6452

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C5B2A 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 #9C5B2A looks like.

```
.text, #text, p{  
    color:#9C5B2A  
}
```

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 #9C5B2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C5B2A
}
```

## Border

The CSS property to change the border of an element to Hex 9C5B2A 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
#9C5B2A }
```

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

```
.border{ border-color:#9C5B2A }
```

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

Here you see how a box with a 4 pixel #9C5B2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C5B2A; -webkit-box-shadow:4px 4px  
4px 4px #9C5B2A; box-shadow:4px 4px 4px  
4px #9C5B2A }
```

# Background

The CSS property to change the background color of an element to Hex 9C5B2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C5B2A }
```

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

```
.background{ background-color:#9C5B2A }
```

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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