

# Converting Colors

Hex(9C5E25)

Have a look what the booklet for  
Hex(9C5E25) contains.

<b>Hex(9C5E25)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(9C5E25)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C5E25
RGB	156, 94, 37
RGB Percent	61%, 37%, 15%
CMY	0.3882, 0.6314, 0.8549
CMYK	0.00, 0.40, 0.76, 0.39
HSL	29°, 62%, 38%
HSV	29°, 76%, 61%
XYZ	18.0469, 15.2069, 3.7343
YIQ	106.0400, 55.2490, -4.5830

# Conversions

## Conversions Part 2

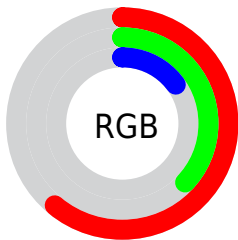
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	156, 146, 37
Decimal	10247717
CIE <sub>Lab</sub>	45.92, 20.50, 41.77
CIE <sub>LCh</sub>	46, 46.532, 63.859
Yxy	15.2069, 0.4879, 0.4111
Android (android.graphics.Color)	4288437797 (0xFF9C5E25)
YUV	106.0400, -34.0367, 43.8149
Hunter-Lab	38.9960, 14.3648, 21.6195

# Details

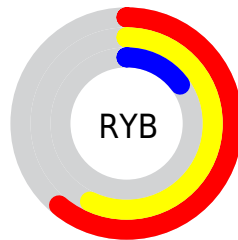
The Hex color **9C5E25** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **25639C**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **D79155**, and **642F00** is the 20% darker color. If you saturate the color by 10%, you get **9C5615**, and if you desaturate by 10%, it is **9C6635**.

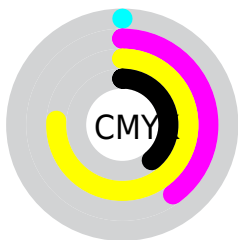
# Distribution



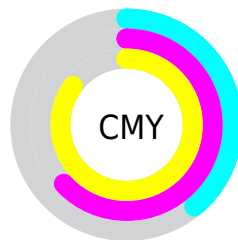
- Red (61%)
- Green (37%)
- Blue (15%)



- Red (61%)
- Yellow (57%)
- Blue (15%)



- Cyan (0%)
- Magenta (40%)
- Yellow (76%)
- Black (39%)



- Cyan (39%)
- Magenta (63%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C5E25 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 9C5E25 by changing the saturation by 10% instead.





9C5E25



9C5E25

FFFFFF



7F460C



D79155



642F00



F5AB6F



481900



FFC789



2E0400



FFE3A3



080000



FFFFBF



000000



FFFFDB



FFFFF8



9C5E25



9C5E25

■ 9C5615

■ 9C6635

■ 9C4E06

■ 9C6E44

■ 9C4B00

■ 9C7654

■ 9C7F63

■ 9C8773

■ 9C8F83

■ 9C9792

■ 9C9FA2

■ 9CA7B1

# Harmonies

## Analogous

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



B04F44



9C5E25



7D6C17

# Triad

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



9C5E25



007F71



7460AE

# Complementary

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



9C5E25



25639C

# 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.



1570BB



9C5E25



007F97

# Square

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



9C5E25



0C7D49



007AB2



A05090

# Rectangle

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



9C5E25



63741F



007AB2



5F66B4



# Sweetspot

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



9C5E25



CCB49D



9C2564



665749



E6E6E6



666666



# Same Dimension

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



9C5E25



CC6A10



9C9825



4F4B47



8F4400



0F0700



# Inverse Universe

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



25639C



1072CC



25299C



474B4F



004A8F



00080F



# Previews

## White Background



This preview shows how the Hex color 9C5E25 looks on a white background.

## Color Contrast Check

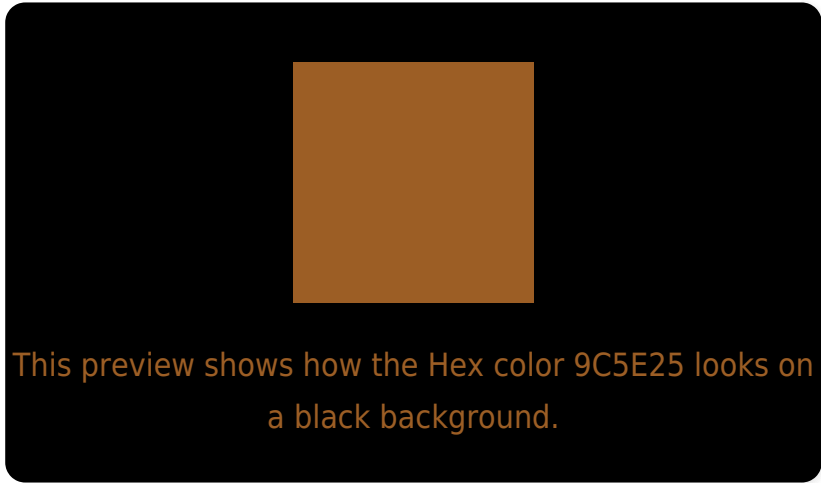
Large Text (above 18pt) WCAG AA ✓ Pass

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 9C5E25 Background



This preview shows how black text looks on a background with the Hex color 9C5E25.



This preview shows how white text looks on a background with the Hex color 9C5E25.

# 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**  
9C5E25

**Protanopia**  
7A6D29

**Deuteranopia**  
896822



**Tritanopia**  
9F585F

# Trichromacy



**Original Color**  
9C5E25

**Protanomaly**  
866828

**Deuteranomaly**  
906423

**Tritanomaly**  
9E5A4A

# Monochromacy



**Original Color**  
9C5E25

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
7C6651

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C5E25 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 #9C5E25 looks like.

```
.text, #text, p{  
    color:#9C5E25  
}
```

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 #9C5E25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C5E25  
}
```

## Border

The CSS property to change the border of an element to Hex 9C5E25 is called "border". The border property can be set on classes, ids or directly on the HTML element.

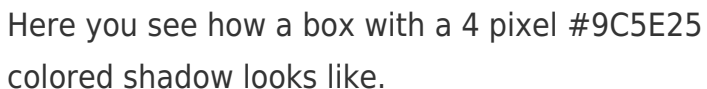
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#9C5E25 }
```

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

```
.border{ border-color:#9C5E25 }
```

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



Here you see how a box with a 4 pixel #9C5E25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C5E25; -webkit-box-shadow:4px 4px  
4px 4px #9C5E25; box-shadow:4px 4px 4px  
4px #9C5E25 }
```

# Background

The CSS property to change the background color of an element to Hex 9C5E25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C5E25 }
```

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

```
.background{ background-color:#9C5E25 }
```

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