

# Converting Colors

Hex(9E5A25)

Have a look what the booklet for  
Hex(9E5A25) contains.

<b>Hex(9E5A25)</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(9E5A25)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E5A25
RGB	158, 90, 37
RGB Percent	62%, 35%, 15%
CMY	0.3804, 0.6471, 0.8549
CMYK	0.00, 0.43, 0.77, 0.38
HSL	26°, 62%, 38%
HSV	26°, 77%, 62%
XYZ	18.0906, 14.7150, 3.6371
YIQ	104.2900, 57.5410, -2.0670

# Conversions

## Conversions Part 2

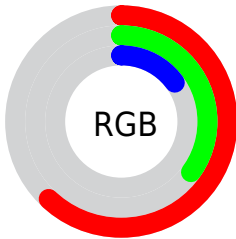
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	158, 131, 37
Decimal	10377765
CIE <sub>Lab</sub>	45.24, 23.64, 41.18
CIE <sub>LCh</sub>	45, 47.482, 60.138
Yxy	14.7150, 0.4964, 0.4038
Android (android.graphics.Color)	4288567845 (0xFF9E5A25)
YUV	104.2900, -33.1740, 47.1037
Hunter-Lab	38.3601, 17.0504, 21.2306

# Details

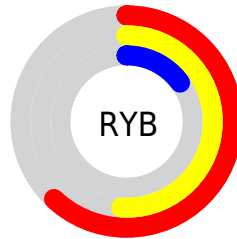
The Hex color **9E5A25** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **25699E**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **D98D55**, and **652B00** is the 20% darker color. If you saturate the color by 10%, you get **9E5115**, and if you desaturate by 10%, it is **9E6335**.

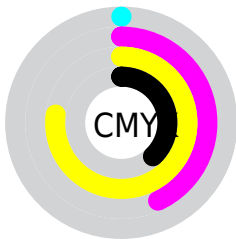
# Distribution



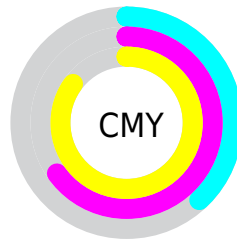
- Red (62%)
- Green (35%)
- Blue (15%)



- Red (62%)
- Yellow (51%)
- Blue (15%)



- Cyan (0%)
- Magenta (43%)
- Yellow (77%)
- Black (38%)



- Cyan (38%)
- Magenta (65%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E5A25 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 9E5A25 by changing the saturation by 10% instead.





9E5A25



9E5A25

FFFFFF



81420C



D98D55



652B00



F7A76E



4A1500



FFC388



2F0000



FFDFA3



080000



FFFBBE



000000



FFFFDA



FFFFFF7



9E5A25



9E5A25

 9E5115

 9E6335

 9E4805

 9E6C45

 9E4500

 9E7554

 9E7E64

 9E8674

 9E8F84

 9E9894

 9EA1A3

 9EAAB3

# Harmonies

## Analogous

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



B04B46



9E5A25



7F6912

# Triad

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



9E5A25



007E6A



6B60B0

# Complementary

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



9E5A25



25699E

# 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.



0070BA



9E5A25



007D92

# Square

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



9E5A25



187B42



0079AF



9B4F93

# Rectangle

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



9E5A25



667118



0079AF



5366B6



# Sweetspot

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



9E5A25



CFB49F



9E256A



69584B



E8E8E8



696969



# Same Dimension

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



9E5A25



CF6411



9E9625



4F4B47



8F3F00



0F0700



# Inverse Universe

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



25699E



117BCF



252D9E



474C4F



00508F



00090F



# Previews

## White Background



This preview shows how the Hex color 9E5A25 looks on a white background.

## Color Contrast Check

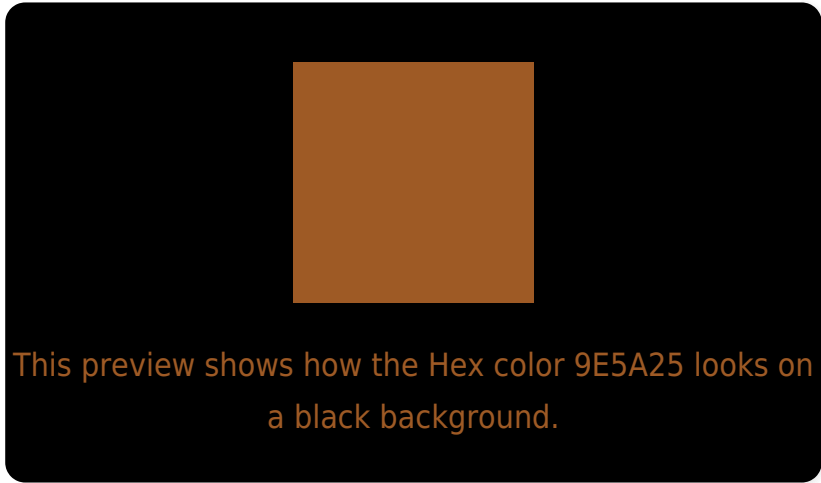
Large Text (above 18pt) WCAG AA ✓ Pass

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

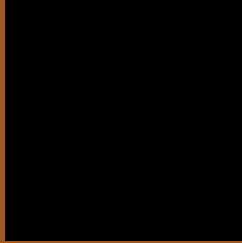
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9E5A25 Background



This preview shows how black text looks on a background with the Hex color 9E5A25.



This preview shows how white text looks on a background with the Hex color 9E5A25.

# 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**  
9E5A25

**Protanopia**  
786C2A

**Deuteranopia**  
876621



**Tritanopia**  
A1545B

# Trichromacy



**Original Color**  
9E5A25

**Protanomaly**  
866528

**Deuteranomaly**  
8F6222

**Tritanomaly**  
A05647

# Monochromacy



**Original Color**  
9E5A25

**Achromatopsia**  
686868

**Achromatomaly**  
7C6350

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E5A25 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 #9E5A25 looks like.

```
.text, #text, p{  
    color:#9E5A25  
}
```

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 #9E5A25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E5A25
}
```

## Border

The CSS property to change the border of an element to Hex 9E5A25 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
#9E5A25 }
```

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

```
.border{ border-color:#9E5A25 }
```

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

Here you see how a box with a 4 pixel #9E5A25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E5A25; -webkit-box-shadow:4px 4px  
4px 4px #9E5A25; box-shadow:4px 4px 4px  
4px #9E5A25 }
```

# Background

The CSS property to change the background color of an element to Hex 9E5A25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E5A25 }
```

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

```
.background{ background-color:#9E5A25 }
```

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