

# Converting Colors

Hex(9E5632)

Have a look what the booklet for  
Hex(9E5632) contains.

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**Color**

**Hex(9E5632)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E5632
RGB	158, 86, 50
RGB Percent	62%, 34%, 20%
CMY	0.3804, 0.6627, 0.8039
CMYK	0.00, 0.46, 0.68, 0.38
HSL	20°, 52%, 41%
HSV	20°, 68%, 62%
XYZ	18.0041, 14.1550, 4.8009
YIQ	103.4240, 54.4680, 4.0680

# Conversions

## Conversions Part 2

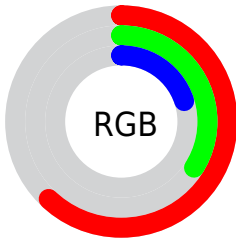
<b>Format</b>	<b>Color</b>
<b>RYB</b>	158, 104, 50
Decimal	10376754
CIELab	44.45, 26.57, 33.58
CIElCh	44, 42.819, 51.639
Yxy	14.1550, 0.4871, 0.3830
Android (android.graphics.Color)	4288566834 (0xFF9E5632)
YUV	103.4240, -26.3380, 47.8632
Hunter-Lab	37.6231, 19.5786, 18.7705

# Details

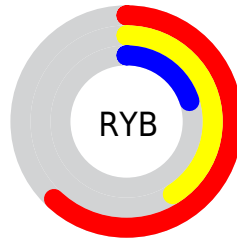
The Hex color **9E5632** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **327A9E**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **D98962**, and **662704** is the 20% darker color. If you saturate the color by 10%, you get **9E4B22**, and if you desaturate by 10%, it is **9E6142**.

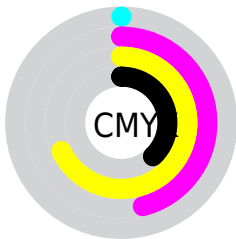
# Distribution



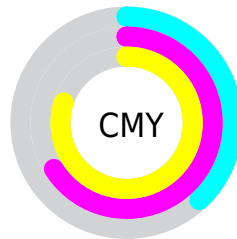
- Red (62%)
- Green (34%)
- Blue (20%)



- Red (62%)
- Yellow (41%)
- Blue (20%)



- Cyan (0%)
- Magenta (46%)
- Yellow (68%)
- Black (38%)



- Cyan (38%)
- Magenta (66%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E5632 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 9E5632 by changing the saturation by 10% instead.



 9E5632

 9E5632

FFFFFF

 813E1C

 D98962

 662704

 F7A37B

 4A0F00

 FFBF95

 300000

 FFDBB0

 070000

 FFF7CB

 000000

 FFFF E8

 9E5632

 9E5632

 9E4B22

 9E6142

 9E4112

 9E6B52

 9E3603

 9E7661

 9E3500

 9E8071

 9E8B81

 9E9591

 9EA0A1

 9EAAB0

 9EB5C0

# Harmonies

## Analogous

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



AA4B51



9E5632



85641E

# Triad

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



9E5632



007A5E



5964AC

# Complementary

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



9E5632



327A9E

# 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.



0070AF



9E5632



007A82

# Square

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



9E5632



37763B



0077A0



8B5596

# Rectangle

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



9E5632



6F6C1E



0077A0



4068AF



# Sweetspot

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



9E5632



CFB2A3



9E327A



69574E



E8E8E8



696969



# Same Dimension

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



9E5632



CF5E25



9E8C32



4F4A47



8F3000



0F0500



# Inverse Universe

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



327A9E



2596CF



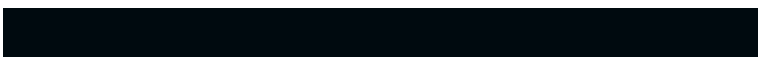
32449E



474C4F



005F8F

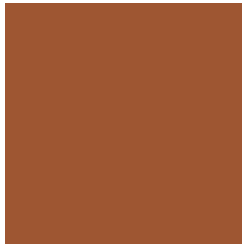


000A0F



# Previews

## White Background



This preview shows how the Hex color 9E5632 looks on a white background.

## Color Contrast Check

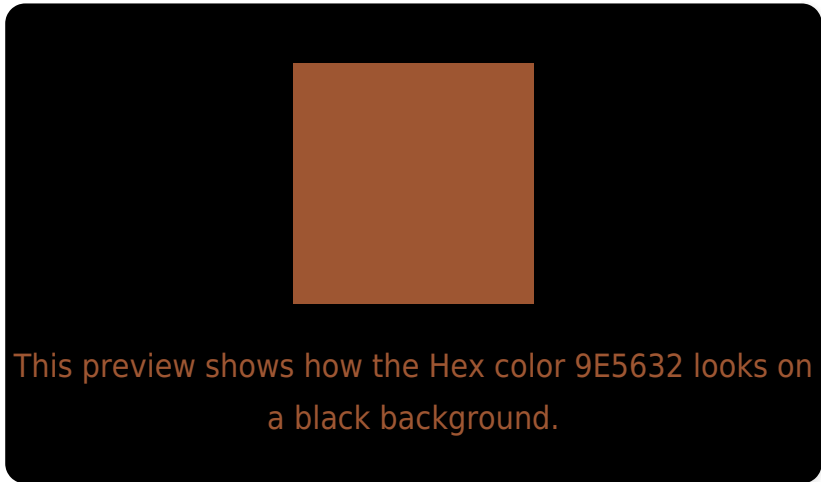
Large Text (above 18pt) WCAG AA ✓ Pass

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

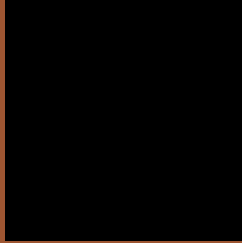
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9E5632 Background



This preview shows how black text looks on a background with the Hex color 9E5632.



This preview shows how white text looks on a background with the Hex color 9E5632.

# 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**  
9E5632

**Protanopia**  
746A38

**Deuteranopia**  
83652F



**Tritanopia**  
A05257

# Trichromacy



**Original Color**  
9E5632

**Protanomaly**  
836336

**Deuteranomaly**  
8D6030

**Tritanomaly**  
9F534A

# Monochromacy



**Original Color**  
9E5632

**Achromatopsia**  
676767

**Achromatomaly**  
7B6154

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E5632 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 #9E5632 looks like.

```
.text, #text, p{  
    color:#9E5632  
}
```

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 #9E5632 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E5632
}
```

## Border

The CSS property to change the border of an element to Hex 9E5632 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
#9E5632 }
```

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

```
.border{ border-color:#9E5632 }
```

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

Here you see how a box with a 4 pixel #9E5632 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E5632; -webkit-box-shadow:4px 4px  
4px 4px #9E5632; box-shadow:4px 4px 4px  
4px #9E5632 }
```

# Background

The CSS property to change the background color of an element to Hex 9E5632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E5632 }
```

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

```
.background{ background-color:#9E5632 }
```

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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