

# Converting Colors

Hex(9C663B)

Have a look what the booklet for  
Hex(9C663B) contains.

|  |    |
|--|----|
| <b>Hex(9C663B)</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(9C663B)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 9C663B                     |
| RGB           | 156, 102, 59               |
| RGB Percent   | 61%, 40%, 23%              |
| CMY           | 0.3882, 0.6000, 0.7686     |
| CMYK          | 0.00, 0.35, 0.62, 0.39     |
| HSL           | 27°, 45%, 42%              |
| HSV           | 27°, 62%, 61%              |
| XYZ           | 19.2511, 16.8864, 6.3824   |
| YIQ           | 113.2440, 45.9870, -1.9250 |

# Conversions

## Conversions Part 2

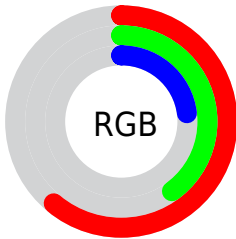
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 156, 136, 59                   |
| Decimal                             | 10249787                       |
| CIE Lab                             | 48.12, 17.27, 32.85            |
| CIE LCh                             | 48, 37.118, 62.270             |
| Yxy                                 | 16.8864, 0.4528,<br>0.3971     |
| Android<br>(android.graphics.Color) | 4288439867<br>(0xFF9C663B)     |
| YUV                                 | 113.2440, -26.7423,<br>37.4970 |
| Hunter-Lab                          | 41.0931, 11.7099,<br>19.5565   |

# Details

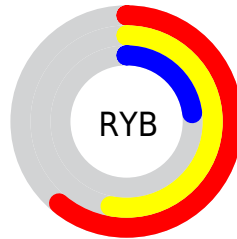
The Hex color **9C663B** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3B719C**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **D5996B**, and **65370D** is the 20% darker color. If you saturate the color by 10%, you get **9C5D2B**, and if you desaturate by 10%, it is **9C6F4B**.

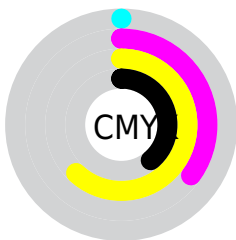
# Distribution



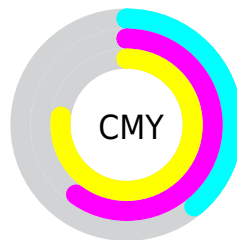
- Red (61%)
- Green (40%)
- Blue (23%)



- Red (61%)
- Yellow (53%)
- Blue (23%)



- Cyan (0%)
- Magenta (35%)
- Yellow (62%)
- Black (39%)



- Cyan (39%)
- Magenta (60%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C663B 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 9C663B by changing the saturation by 10% instead.



 9C663B

 9C663B

FFFFFF

 804E24

 D5996B

 65370D

 F3B485

 4B2100

 FFD0A0

 300C00

 FFECBB

 140000

 FFFFD7

 000000

 FFFFF3

 9C663B

 9C663B

 9C5D2B

 9C6F4B

 9C551C

 9C775A

 9C4C0C

 9C806A

 9C4500

 9C8979

 9C9189

 9C9A99

 9CA3A8

 9CABB8

 9CB4C7

# Harmonies

## Analogous

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



AB5C52



9C663B



837132

# Triad

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



9C663B



008274



7869A7

# Complementary

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



9C663B



3B719C

# 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.



4075B1



9C663B



008193

# Square

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



9C663B



398054



007DA9



9B5E90

# Rectangle

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



9C663B



6E7836



007DA9



686DAC



# Sweetspot

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



9C663B



CCB6A5



9C3B72



66594F



E6E6E6



666666



# Same Dimension

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



9C663B



CC7733



9C963B



4F4B47



8F3F00



0F0700



# Inverse Universe

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



3B719C



3388CC



3B419C



474C4F



004F8F

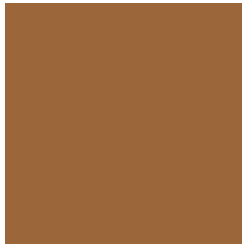


00090F



# Previews

## White Background



This preview shows how the Hex color 9C663B looks on a white background.

## Color Contrast Check

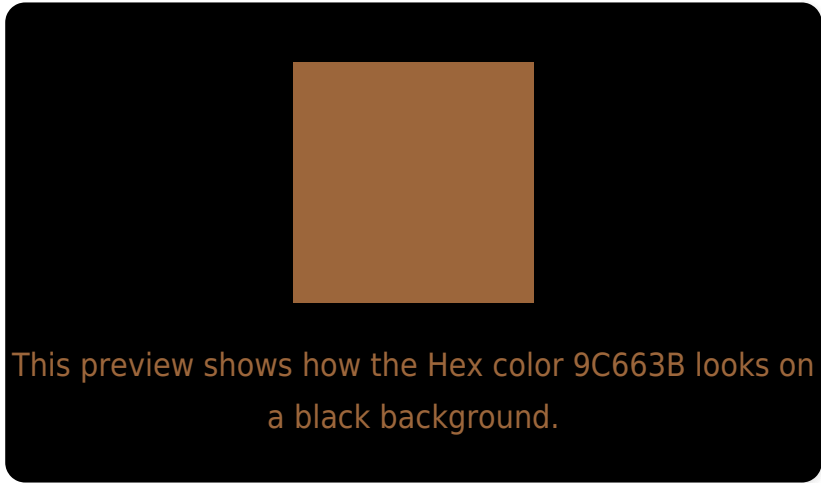
Large Text (above 18pt) WCAG AA ✓ Pass

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 9C663B Background



This preview shows how black text looks on a background with the Hex color 9C663B.



This preview shows how white text looks on a background with the Hex color 9C663B.

# 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**  
9C663B

**Protanopia**  
7E733F

**Deuteranopia**  
8D6D39



**Tritanopia**  
9F6168

# Trichromacy



**Original Color**  
9C663B

**Protanomaly**  
896E3E

**Deuteranomaly**  
926A3A

**Tritanomaly**  
9E6358

# Monochromacy



**Original Color**  
9C663B

**Achromatopsia**  
717171

**Achromatomaly**  
816D5D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C663B 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 #9C663B looks like.

```
.text, #text, p{  
    color:#9C663B  
}
```

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 #9C663B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C663B
}
```

## Border

The CSS property to change the border of an element to Hex 9C663B 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
#9C663B }
```

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

```
.border{ border-color:#9C663B }
```

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

Here you see how a box with a 4 pixel #9C663B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C663B; -webkit-box-shadow:4px 4px  
4px 4px #9C663B; box-shadow:4px 4px 4px  
4px #9C663B }
```

# Background

The CSS property to change the background color of an element to Hex 9C663B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C663B }
```

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

```
.background{ background-color:#9C663B }
```

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