

# Converting Colors

Hex(9B733C)

Have a look what the booklet for  
Hex(9B733C) contains.

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**Color**

**Hex(9B733C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9B733C
RGB	155, 115, 60
RGB Percent	61%, 45%, 24%
CMY	0.3922, 0.5490, 0.7647
CMYK	0.00, 0.26, 0.61, 0.39
HSL	35°, 44%, 42%
HSV	35°, 61%, 61%
XYZ	20.4639, 19.5563, 6.9711
YIQ	120.6900, 41.4950, -8.6250

# Conversions

## Conversions Part 2

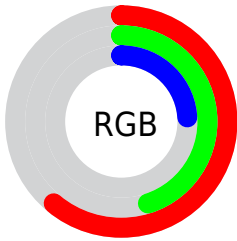
<b>Format</b>	<b>Color</b>
<b>RYB</b>	129, 155, 60
Decimal	10187580
CIELab	51.33, 9.45, 36.08
CIElCh	51, 37.297, 75.317
Yxy	19.5563, 0.4355, 0.4162
Android (android.graphics.Color)	4288377660 (0xFF9B733C)
YUV	120.6900, -29.9202, 30.0899
Hunter-Lab	44.2225, 5.2114, 21.6094

# Details

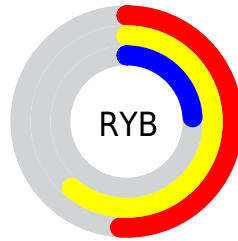
The Hex color **9B733C** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3C649B**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **D4A76D**, and **65430C** is the 20% darker color. If you saturate the color by 10%, you get **9B6C2D**, and if you desaturate by 10%, it is **9B7A4B**.

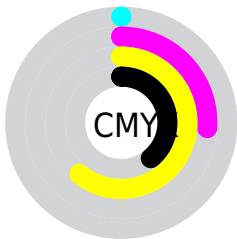
# Distribution



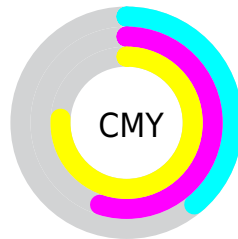
- Red (61%)
- Green (45%)
- Blue (24%)



- Red (51%)
- Yellow (61%)
- Blue (24%)



- Cyan (0%)
- Magenta (26%)
- Yellow (61%)
- Black (39%)



- Cyan (39%)
- Magenta (55%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B733C 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 9B733C by changing the saturation by 10% instead.





9B733C



9B733C

FFFFFF



7F5B25



D4A76D



65430C



F1C287



4B2D00



FFDEA1



311800



FFFABD



190000



FFFFD9



000000



FFFFFF5



9B733C



9B733C



9B6C2D



9B7A4B

 9B661D

 9B805B

 9B5F0E

 9B876A

 9B5A00

 9B8D7A

 9B948A

 9B9A99

 9BA1A9

 9BA7B8

 9BAEC8

# Harmonies

## Analogous

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



B0684E



9B733C



7E7E3B

# Triad

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



9B733C



008B8A



926CA7

# Complementary

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



9B733C



3C649B

# 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.



6478B8



9B733C



0088A7

# Square

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



9B733C



288A69



1182B7



AE628B

# Rectangle

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



9B733C



678345



1182B7



8570AE



# Sweetspot

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



9B733C



C9BAA5



9B3C65



665D50



E6E6E6



666666



# Same Dimension

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



9B733C



C98B34



959B3C



4D4945



8C5100



0D0700



# Inverse Universe

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



3C649B



3473C9



423C9B



45484D



003B8C



00050D



# Previews

## White Background



This preview shows how the Hex color 9B733C looks on a white 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

# Black 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

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



## Hex 9B733C Background



This preview shows how black text looks on a background with the Hex color 9B733C.



This preview shows how white text looks on a background with the Hex color 9B733C.

# 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**  
9B733C

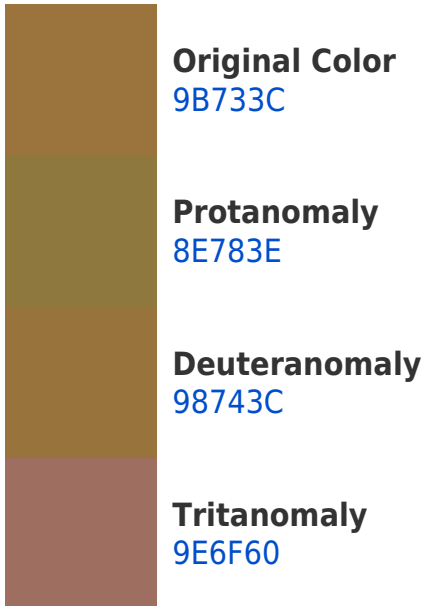
**Protanopia**  
877B3F

**Deuteranopia**  
97753C

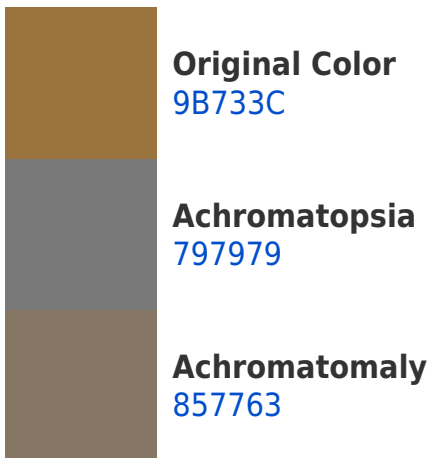


**Tritanopia**  
9F6D75

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B733C 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 #9B733C looks like.

```
.text, #text, p{  
    color:#9B733C  
}
```

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 #9B733C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B733C
}
```

## Border

The CSS property to change the border of an element to Hex 9B733C 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
#9B733C }
```

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

```
.border{ border-color:#9B733C }
```

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

Here you see how a box with a 4 pixel #9B733C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B733C; -webkit-box-shadow:4px 4px  
4px 4px #9B733C; box-shadow:4px 4px 4px  
4px #9B733C }
```

# Background

The CSS property to change the background color of an element to Hex 9B733C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B733C }
```

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

```
.background{ background-color:#9B733C }
```

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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