

# Converting Colors

Hex(9A772D)

Have a look what the booklet for  
Hex(9A772D) contains.

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**Color**

**Hex(9A772D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9A772D
RGB	154, 119, 45
RGB Percent	60%, 47%, 18%
CMY	0.3961, 0.5333, 0.8235
CMYK	0.00, 0.23, 0.71, 0.40
HSL	41°, 55%, 39%
HSV	41°, 71%, 60%
XYZ	20.3969, 20.2531, 5.3168
YIQ	121.0290, 44.6140, -15.5940

# Conversions

## Conversions Part 2

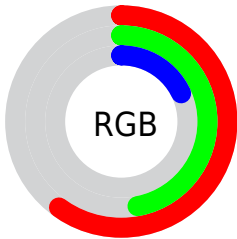
Format	Color
<a href="#">RYB</a>	<a href="#">97, 154, 45</a>
Decimal	<a href="#">10123053</a>
CIELab	<a href="#">52.12, 5.72, 44.35</a>
CIElCh	<a href="#">52, 44.718, 82.652</a>
Yxy	<a href="#">20.2531, 0.4437, 0.4406</a>
Android (android.graphics.Color)	<a href="#">4288313133 (0xFF9A772D)</a>
YUV	<a href="#">121.0290, -37.4823, 28.9156</a>
Hunter-Lab	<a href="#">45.0035, 2.1454, 24.4978</a>

# Details

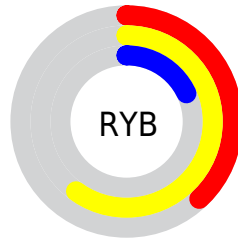
The Hex color **9A772D** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **2D509A**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **D3AB5F**, and **634700** is the 20% darker color. If you saturate the color by 10%, you get **9A721E**, and if you desaturate by 10%, it is **9A7C3C**.

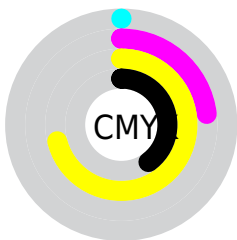
# Distribution



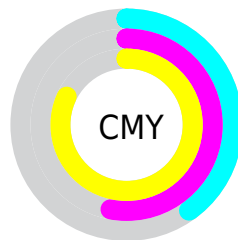
- Red (60%)
- Green (47%)
- Blue (18%)



- Red (38%)
- Yellow (60%)
- Blue (18%)



- Cyan (0%)
- Magenta (23%)
- Yellow (71%)
- Black (40%)



- Cyan (40%)
- Magenta (53%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A772D 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 9A772D by changing the saturation by 10% instead.



 9A772D

 9A772D

FFFFFF

 7E5E13

 D3AB5F

 634700

 F1C679

 493100

 FFE293

 2F1C00

 FFFFAE

 160300

 FFFFC A

 000000

 FFFF E6

 9A772D

 9A772D

 9A721E

 9A7C3C

■ 9A6D0E

■ 9A814C

■ 9A6900

■ 9A865B

■ 9A8B6B

■ 9A907A

■ 9A9589

■ 9A9A99

■ 9A9FA8

■ 9AA4B8

# Harmonies

## Analogous

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



B56940



9A772D



758331

# Triad

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



9A772D



008F99



A266AB

# Complementary

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



9A772D



2D509A

# 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.



6F76C3



9A772D



008CB8

# Square

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



9A772D



008F71



0083C8



BE5C87

# Rectangle

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



9A772D



588941



0083C8



946CB5



# Sweetspot

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



9A772D



C9BC9F



9A2D51



665E4D



E6E6E6



666666



# Same Dimension

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



9A772D



C9921E



889A2D



4D4A45



8C5F00



0D0900



# Inverse Universe

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



2D509A



1E55C9



3F2D9A



45474D



002D8C



00040D



# Previews

## White Background



This preview shows how the Hex color 9A772D looks on a white background.

## Color Contrast Check

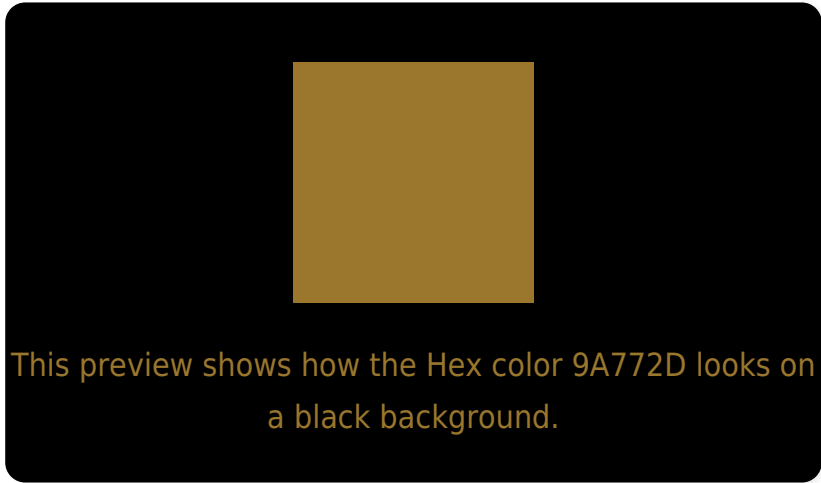
Large Text (above 18pt) WCAG AA ✓ Pass

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 9A772D Background



This preview shows how black text looks on a background with the Hex color 9A772D.



This preview shows how white text looks on a background with the Hex color 9A772D.

# 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**  
9A772D

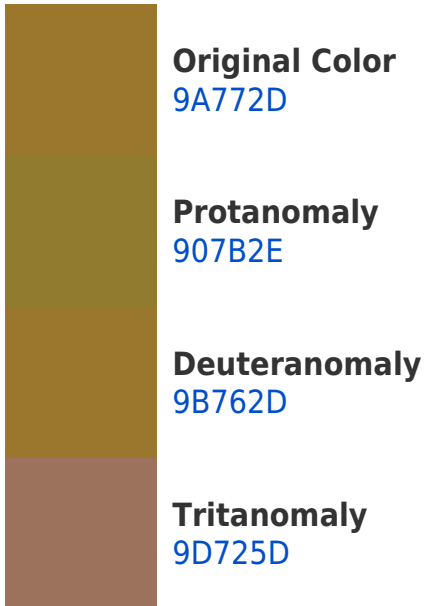
**Protanopia**  
8B7D2F

**Deuteranopia**  
9B762D

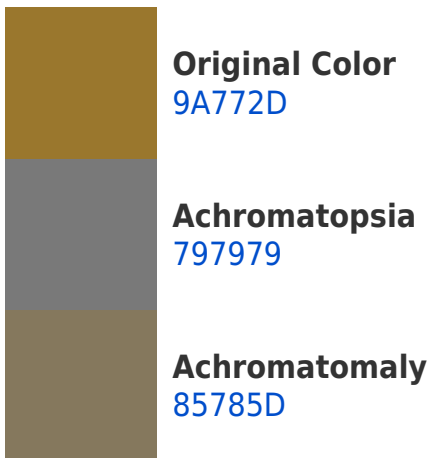


**Tritanopia**  
9F6F78

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A772D 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 #9A772D looks like.

```
.text, #text, p{  
    color:#9A772D  
}
```

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 #9A772D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A772D
}
```

## Border

The CSS property to change the border of an element to Hex 9A772D 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
#9A772D }
```

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

```
.border{ border-color:#9A772D }
```

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

Here you see how a box with a 4 pixel #9A772D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A772D; -webkit-box-shadow:4px 4px  
4px 4px #9A772D; box-shadow:4px 4px 4px  
4px #9A772D }
```

# Background

The CSS property to change the background color of an element to Hex 9A772D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A772D }
```

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

```
.background{ background-color:#9A772D }
```

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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