

# Converting Colors

Hex(9C732A)

Have a look what the booklet for  
Hex(9C732A) contains.

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**Color**

**Hex(9C732A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C732A
RGB	156, 115, 42
RGB Percent	61%, 45%, 16%
CMY	0.3882, 0.5490, 0.8353
CMYK	0.00, 0.26, 0.73, 0.39
HSL	38°, 58%, 39%
HSV	38°, 73%, 61%
XYZ	20.2590, 19.4966, 4.8859
YIQ	118.9370, 47.8690, -14.0110

# Conversions

## Conversions Part 2

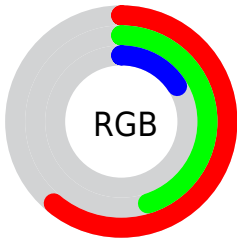
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">106, 156, 42</a>
Decimal	<a href="#">10253098</a>
CIELab	<a href="#">51.26, 8.75, 44.90</a>
CIElCh	<a href="#">51, 45.744, 78.978</a>
Yxy	<a href="#">19.4966, 0.4538, 0.4367</a>
Android (android.graphics.Color)	<a href="#">4288443178</a> ( <a href="#">0xFF9C732A</a> )
YUV	<a href="#">118.9370, -37.9299, 32.5043</a>
Hunter-Lab	<a href="#">44.1549, 4.6275, 24.3477</a>

# Details

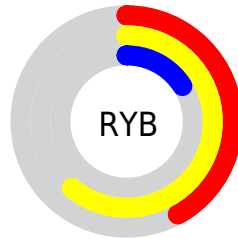
The Hex color **9C732A** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **2A539C**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **D6A75C**, and **654300** is the 20% darker color. If you saturate the color by 10%, you get **9C6D1A**, and if you desaturate by 10%, it is **9C793A**.

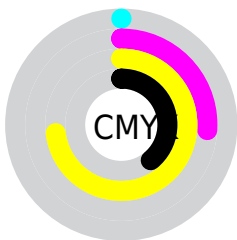
# Distribution



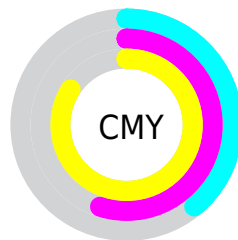
- Red (61%)
- Green (45%)
- Blue (16%)



- Red (42%)
- Yellow (61%)
- Blue (16%)



- Cyan (0%)
- Magenta (26%)
- Yellow (73%)
- Black (39%)



- Cyan (39%)
- Magenta (55%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C732A 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 9C732A by changing the saturation by 10% instead.



 9C732A

 9C732A

FFFFFF

 805B0F

 D6A75C

 654300

 F3C275

 4A2D00

 FFDE90

 301900

 FFFAAB

 180000

 FFFFC7

 000000

 FFFF E3

 9C732A

 9C732A

 9C6D1A

 9C793A

 9C680B

 9C7E49

 9C6400

 9C8459

 9C8968

 9C8F78

 9C9588

 9C9A97

 9CA0A7

 9CA5B6

# Harmonies

## Analogous

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



B76440



9C732A



78802B

# Triad

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



9C732A



008D92



9C66AE

# Complementary

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



9C732A



2A539C

# 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.



6376C4



9C732A



008AB4

# Square

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



9C732A



008D6A



0083C7



BA598A

# Rectangle

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



9C732A



5B863A



0083C7



8C6BB7



# Sweetspot

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



9C732A



CCBC9F



9C2A54



665C4B



E6E6E6



666666



# Same Dimension

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



9C732A



CC8B18



8D9C2A



4F4C47



8F5B00



0F0A00



# Inverse Universe

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



2A539C



1859CC



392A9C



474A4F



00338F



00060F



# Previews

## White Background



This preview shows how the Hex color 9C732A looks on a white background.

## Color Contrast Check

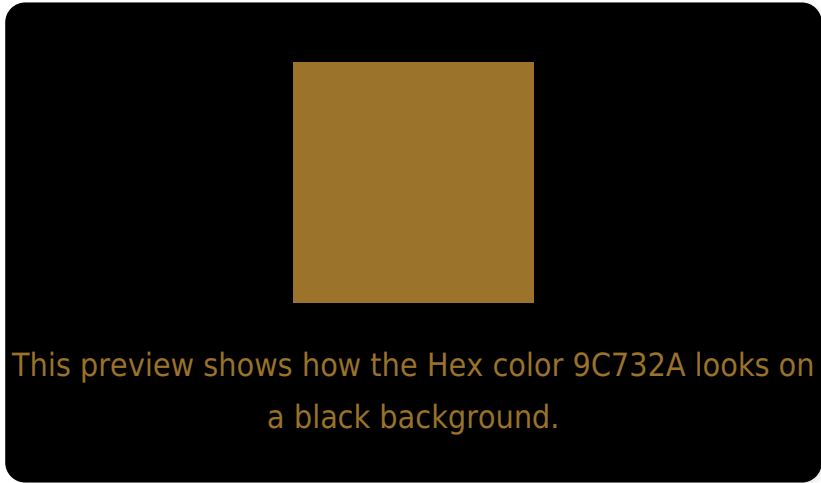
Large Text (above 18pt) WCAG AA ✓ Pass

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 9C732A Background



This preview shows how black text looks on a background with the Hex color 9C732A.



This preview shows how white text looks on a background with the Hex color 9C732A.

# 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**  
9C732A

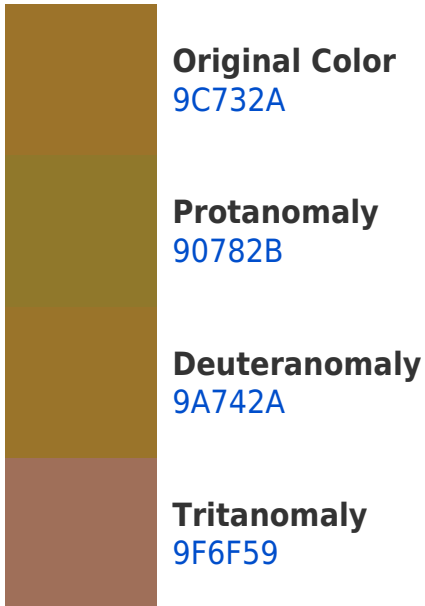
**Protanopia**  
897B2C

**Deuteranopia**  
99742A

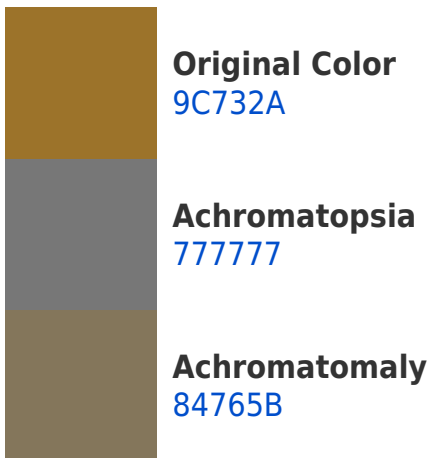


**Tritanopia**  
A16C74

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C732A 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 #9C732A looks like.

```
.text, #text, p{  
    color:#9C732A  
}
```

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 #9C732A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C732A
}
```

## Border

The CSS property to change the border of an element to Hex 9C732A 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
#9C732A }
```

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

```
.border{ border-color:#9C732A }
```

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

Here you see how a box with a 4 pixel #9C732A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C732A; -webkit-box-shadow:4px 4px  
4px 4px #9C732A; box-shadow:4px 4px 4px  
4px #9C732A }
```

# Background

The CSS property to change the background color of an element to Hex 9C732A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C732A }
```

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

```
.background{ background-color:#9C732A }
```

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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