

# Converting Colors

Hex(9C822A)

Have a look what the booklet for  
Hex(9C822A) contains.

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**Color**

**Hex(9C822A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C822A
RGB	156, 130, 42
RGB Percent	61%, 51%, 16%
CMY	0.3882, 0.4902, 0.8353
CMYK	0.00, 0.17, 0.73, 0.39
HSL	46°, 58%, 39%
HSV	46°, 73%, 61%
XYZ	22.1109, 23.2004, 5.5032
YIQ	127.7420, 43.7440, -21.8560

# Conversions

## Conversions Part 2

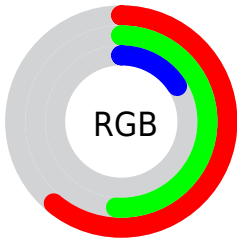
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	76, 156, 42
Decimal	10256938
CIE <sub>Lab</sub>	55.28, 0.28, 48.95
CIE <sub>LCh</sub>	55, 48.948, 89.676
Yxy	23.2004, 0.4351, 0.4566
Android (android.graphics.Color)	4288447018 (0xFF9C822A)
YUV	127.7420, -42.2708, 24.7823
Hunter-Lab	48.1667, -2.3517, 26.9426

# Details

The Hex color **9C822A** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **2A449C**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **D5B75D**, and **655100** is the 20% darker color. If you saturate the color by 10%, you get **9C7E1A**, and if you desaturate by 10%, it is **9C863A**.

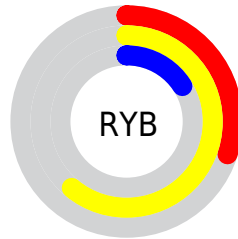
# Distribution



Red (61%)

Green (51%)

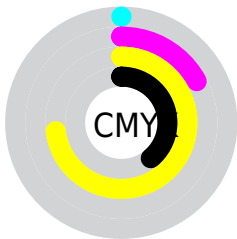
Blue (16%)



Red (30%)

Yellow (61%)

Blue (16%)

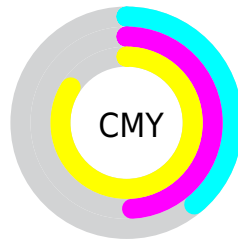


Cyan (0%)

Magenta (17%)

Yellow (73%)

Black (39%)



Cyan (39%)

Magenta (49%)

Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C822A 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 9C822A by changing the saturation by 10% instead.





9C822A



9C822A

FFFFFF



80690D



D5B75D



655100



F3D277



4B3A00



FFEE92



312500



FFFFAD



181100



FFFFC9



000000



FFFFE6



9C822A



9C822A



9C7E1A



9C863A

■ 9C7B0B

■ 9C8949

■ 9C7800

■ 9C8D59

■ 9C9068

■ 9C9478

■ 9C9788

■ 9C9B97

■ 9C9EA7

■ 9CA2B6

# Harmonies

## Analogous

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



BD723B



9C822A



718E36

# Triad

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



9C822A



0099AD



B868B0

# Complementary

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



9C822A



2A449C

# 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.



8579CE



9C822A



0094CD

# Square

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



9C822A



009983



1C89D9



D05E87

# Rectangle

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



9C822A



4E944B



1C89D9



AA6EBC



# Sweetspot

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



9C822A



CCC29F



9C2A45



66604B



E6E6E6



666666



# Same Dimension

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



9C822A



CCA318



7E9C2A



4F4D47



8F6E00



0F0C00



# Inverse Universe

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



2A449C



1841CC



482A9C



47494F



00218F

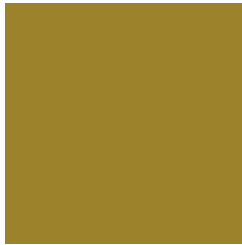


00030F



# Previews

## White Background



This preview shows how the Hex color 9C822A looks on a white background.

## Color Contrast Check

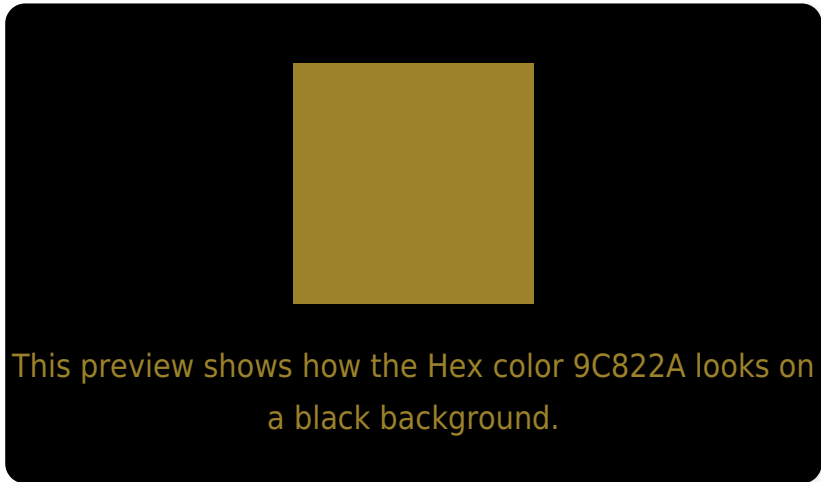
Large Text (above 18pt) WCAG AA ✓ Pass

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 9C822A Background



This preview shows how black text looks on a background with the Hex color 9C822A.



This preview shows how white text looks on a background with the Hex color 9C822A.

# 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**

9C822A

**Protanopia**

94852B

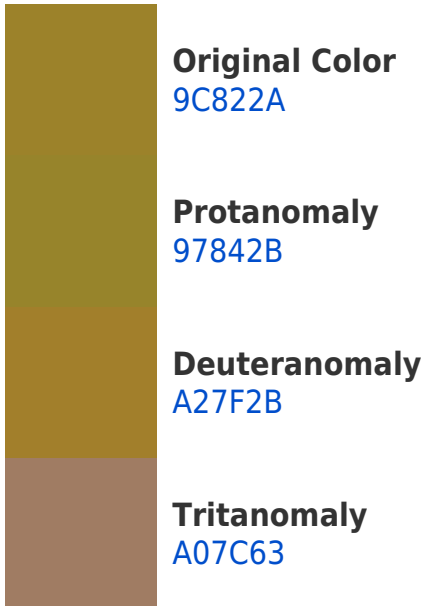
**Deuteranopia**

A67E2C

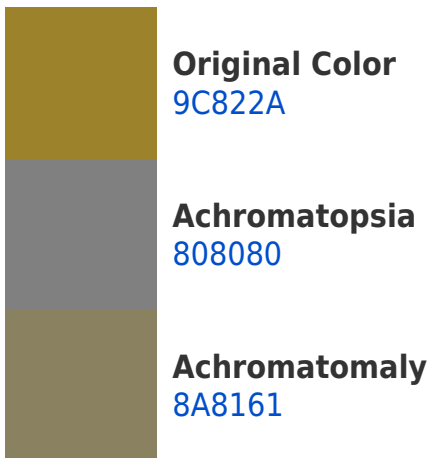


**Tritanopia**  
A37983

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C822A 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 #9C822A looks like.

```
.text, #text, p{  
    color:#9C822A  
}
```

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 #9C822A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C822A
}
```

## Border

The CSS property to change the border of an element to Hex 9C822A 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
#9C822A }
```

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

```
.border{ border-color:#9C822A }
```

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

Here you see how a box with a 4 pixel #9C822A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C822A; -webkit-box-shadow:4px 4px  
4px 4px #9C822A; box-shadow:4px 4px 4px  
4px #9C822A }
```

# Background

The CSS property to change the background color of an element to Hex 9C822A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C822A }
```

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

```
.background{ background-color:#9C822A }
```

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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