

# Converting Colors

Hex(9A822A)

Have a look what the booklet for  
Hex(9A822A) contains.

<b>Hex(9A822A)</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(9A822A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9A822A
RGB	154, 130, 42
RGB Percent	60%, 51%, 16%
CMY	0.3961, 0.4902, 0.8353
CMYK	0.00, 0.16, 0.73, 0.40
HSL	47°, 57%, 38%
HSV	47°, 73%, 60%
XYZ	21.7270, 23.0025, 5.4853
YIQ	127.1440, 42.5520, -22.2800

# Conversions

## Conversions Part 2

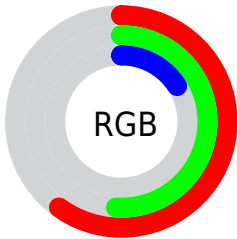
Format	Color
<b>RYB</b>	73, 154, 42
Decimal	10125866
CIELab	55.07, -0.64, 48.68
CIELCh	55, 48.681, 90.750
Yxy	23.0025, 0.4327, 0.4581
Android (android.graphics.Color)	4288315946 (0xFF9A822A)
YUV	127.1440, -41.9760, 23.5527
Hunter-Lab	47.9609, -3.0684, 26.7916

# Details

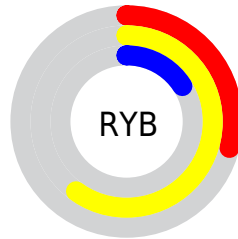
The Hex color **9A822A** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **2A429A**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **D3B75D**, and **635100** is the 20% darker color. If you saturate the color by 10%, you get **9A7F1B**, and if you desaturate by 10%, it is **9A8539**.

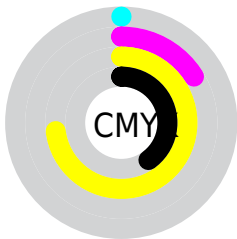
# Distribution



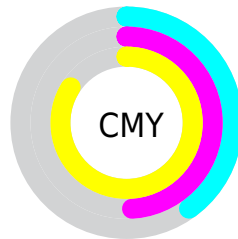
- Red (60%)
- Green (51%)
- Blue (16%)



- Red (29%)
- Yellow (60%)
- Blue (16%)



- Cyan (0%)
- Magenta (16%)
- Yellow (73%)
- Black (40%)



- Cyan (40%)
- Magenta (49%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A822A 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 9A822A by changing the saturation by 10% instead.





9A822A



9A822A

FFFFFF



7E690D



D3B75D



635100



F1D277



493A00



FFEE92



2F2500



FFFFAD



161100



FFFFC9



000000



FFFFE6



9A822A



9A822A



9A7F1B



9A8539

 9A7B0B

 9A8949

 9A7900

 9A8C58

 9A8F68

 9A9377

 9A9686

 9A9996

 9A9CA5

 9AA0B5

# Harmonies

## Analogous

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



BB723A



9A822A



6F8E37

# Triad

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



9A822A



0098AE



B867AE

# Complementary

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



9A822A



2A429A

# 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.



8778CD



9A822A



0093CD

# Square

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



9A822A



009884



2588D8



CF5E85

# Rectangle

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



9A822A



4C934C



2588D8



AB6DBA



# Sweetspot

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



9A822A



C9C09D



9A2A42



66604B



E6E6E6



666666



# Same Dimension

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



9A822A



C9A41A



7A9A2A



4D4B45



8C6E00



0D0A00



# Inverse Universe

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



2A429A



1A40C9



4A2A9A



45464D



001E8C

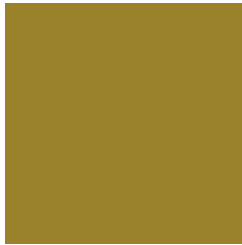


00030D



# Previews

## White Background



This preview shows how the Hex color 9A822A 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 9A822A Background



This preview shows how black text looks on a background with the Hex color 9A822A.



This preview shows how white text looks on a background with the Hex color 9A822A.

# 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**  
9A822A

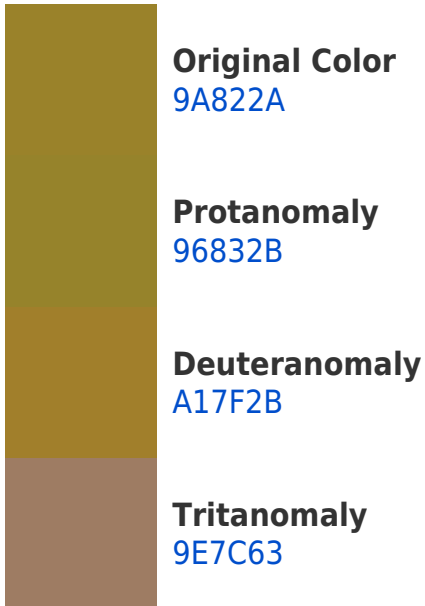
**Protanopia**  
94842B

**Deuteranopia**  
A57D2C

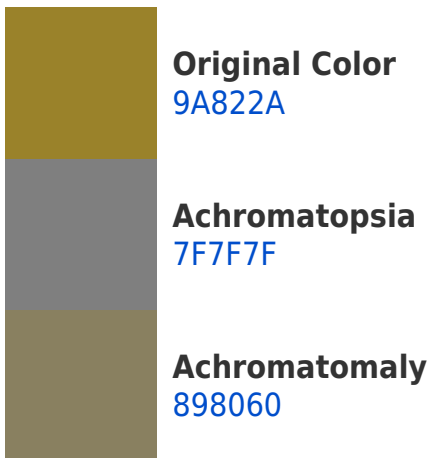


**Tritanopia**  
A17983

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A822A 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 #9A822A looks like.

```
.text, #text, p{  
    color:#9A822A  
}
```

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 #9A822A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A822A
}
```

## Border

The CSS property to change the border of an element to Hex 9A822A 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
#9A822A }
```

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

```
.border{ border-color:#9A822A }
```

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

Here you see how a box with a 4 pixel #9A822A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A822A; -webkit-box-shadow:4px 4px  
4px 4px #9A822A; box-shadow:4px 4px 4px  
4px #9A822A }
```

# Background

The CSS property to change the background color of an element to Hex 9A822A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A822A }
```

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

```
.background{ background-color:#9A822A }
```

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