

# Converting Colors

Hex(9C8D22)

Have a look what the booklet for  
Hex(9C8D22) contains.

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# Color

Hex(9C8D22)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C8D22
RGB	156, 141, 34
RGB Percent	61%, 55%, 13%
CMY	0.3882, 0.4471, 0.8667
CMYK	0.00, 0.10, 0.78, 0.39
HSL	53°, 64%, 37%
HSV	53°, 78%, 61%
XYZ	23.5239, 26.2332, 5.3370
YIQ	133.2870, 43.2870, -30.0970

# Conversions

## Conversions Part 2

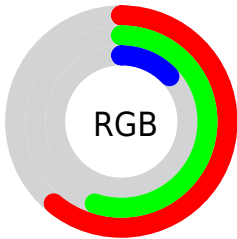
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">51, 156, 34</a>
Decimal	<a href="#">10259746</a>
CIELab	<a href="#">58.26, -6.15, 54.84</a>
CIELCh	<a href="#">58, 55.180, 96.400</a>
Yxy	<a href="#">26.2332, 0.4270, 0.4762</a>
Android (android.graphics.Color)	<a href="#">4288449826 (0xFF9C8D22)</a>
YUV	<a href="#">133.2870, -48.9485, 19.9193</a>
Hunter-Lab	<a href="#">51.2183, -7.6493, 29.6747</a>

# Details

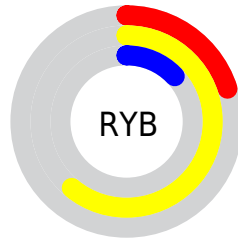
The Hex color **9C8D22** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **22319C**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **D6C258**, and **655B00** is the 20% darker color. If you saturate the color by 10%, you get **9C8B12**, and if you desaturate by 10%, it is **9C8F32**.

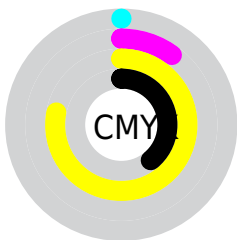
# Distribution



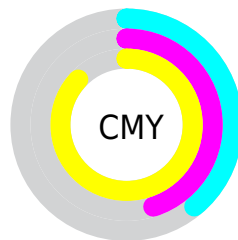
- Red (61%)
- Green (55%)
- Blue (13%)



- Red (20%)
- Yellow (61%)
- Blue (13%)



- Cyan (0%)
- Magenta (10%)
- Yellow (78%)
- Black (39%)



- Cyan (39%)
- Magenta (45%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C8D22 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 9C8D22 by changing the saturation by 10% instead.





9C8D22



9C8D22

FFFFFF



807400



D6C258



655B00



F3DE72



4B4400



FFFB8D



312E00



FFFFA9



181A00



FFFFC5



000000



FFFFE1

FFFFFFE



9C8D22



9C8D22

■ 9C8B12

■ 9C8F32

■ 9C8903

■ 9C9141

■ 9C8900

■ 9C9351

■ 9C9560

■ 9C9770

■ 9C9980

■ 9C9A8F

■ 9C9C9F

■ 9C9EAE

# Harmonies

## Analogous

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



C47B31



9C8D22



699939

# Triad

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



9C8D22



00A2C4



CF67B4

# Complementary

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



9C8D22



22319C

# 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.



9C7BDA



9C8D22



009BE4

# Square

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



9C8D22



00A395



368EEC



E45F84

# Rectangle

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



9C8D22



399F54



368EEC



C16DC2



# Sweetspot

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



9C8D22



CCC69D



9C2232



666249



E6E6E6



666666



# Same Dimension

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



9C8D22



CCB40C



6F9C22



4F4E47



8F7D00



0F0D00



# Inverse Universe

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



22319C



0C24CC



4F229C



47484F



00128F



00020F



# Previews

## White Background



This preview shows how the Hex color 9C8D22 looks on a white background.

## Color Contrast Check

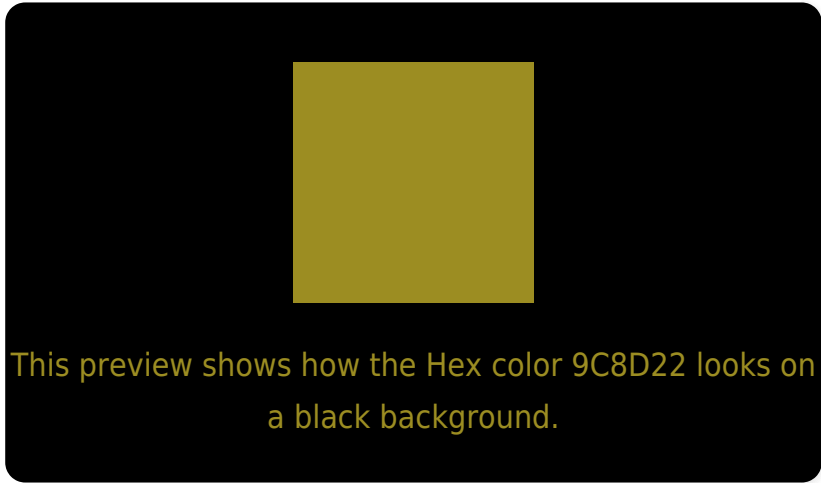
Large Text (above 18pt) WCAG AA ✓ Pass

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 9C8D22 Background



This preview shows how black text looks on a background with the Hex color 9C8D22.



This preview shows how white text looks on a background with the Hex color 9C8D22.

# 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**  
9C8D22

**Protanopia**  
9D8C22

**Deuteranopia**  
B08526



**Tritanopia**  
A4838E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C8D22 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 #9C8D22 looks like.

```
.text, #text, p{  
    color:#9C8D22  
}
```

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 #9C8D22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C8D22
}
```

## Border

The CSS property to change the border of an element to Hex 9C8D22 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
#9C8D22 }
```

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

```
.border{ border-color:#9C8D22 }
```

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

Here you see how a box with a 4 pixel #9C8D22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C8D22; -webkit-box-shadow:4px 4px  
4px 4px #9C8D22; box-shadow:4px 4px 4px  
4px #9C8D22 }
```

# Background

The CSS property to change the background color of an element to Hex 9C8D22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C8D22 }
```

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

```
.background{ background-color:#9C8D22 }
```

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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