

# Converting Colors

Hex(9C7228)

Have a look what the booklet for  
Hex(9C7228) contains.

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**Color**

**Hex(9C7228)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C7228
RGB	156, 114, 40
RGB Percent	61%, 45%, 16%
CMY	0.3882, 0.5529, 0.8431
CMYK	0.00, 0.27, 0.74, 0.39
HSL	38°, 59%, 38%
HSV	38°, 74%, 61%
XYZ	20.1106, 19.2557, 4.6643
YIQ	118.1220, 48.7860, -14.1100

# Conversions

## Conversions Part 2

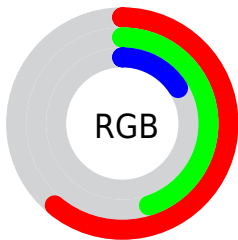
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 156, 40
Decimal	10252840
CIE <sub>Lab</sub>	50.99, 9.21, 45.51
CIE <sub>LCh</sub>	51, 46.435, 78.556
Yxy	19.2557, 0.4567, 0.4373
Android (android.graphics.Color)	4288442920 (0xFF9C7228)
YUV	118.1220, -38.5141, 33.2190
Hunter-Lab	43.8814, 5.0133, 24.4149

# Details

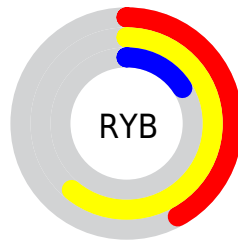
The Hex color **9C7228** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **28529C**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **D6A65A**, and **654200** is the 20% darker color. If you saturate the color by 10%, you get **9C6C18**, and if you desaturate by 10%, it is **9C7838**.

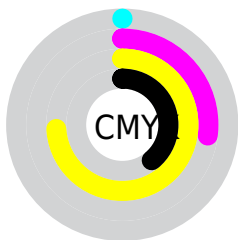
# Distribution



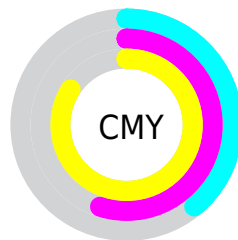
- Red (61%)
- Green (45%)
- Blue (16%)



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



- Cyan (0%)
- Magenta (27%)
- Yellow (74%)
- Black (39%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C7228 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 9C7228 by changing the saturation by 10% instead.





9C7228



9C7228

FFFFFF



805A0D



D6A65A



654200



F4C174



4A2C00



FFDD8E



301800



FFF9A9



180000



FFFFC5



000000



FFFFE1

FFFFFFE



9C7228



9C7228

■ 9C6C18

■ 9C7838

■ 9C6709

■ 9C7D47

■ 9C6400

■ 9C8357

■ 9C8966

■ 9C8E76

■ 9C9486

■ 9C9A95

■ 9C9FA5

■ 9CA5B4

# Harmonies

## Analogous

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



B7633F



9C7228



777F29

# Triad

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



9C7228



008D91



9B65AE

# Complementary

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



9C7228



28529C

# 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.



6075C5



9C7228



008AB4

# Square

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



9C7228



008C68



0082C7



BA588A

# Rectangle

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



9C7228



5A8538



0082C7



8B6AB8



# Sweetspot

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



9C7228



CCBC9F



9C2853



665C4B



E6E6E6



666666



# Same Dimension

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



9C7228



CC8A16



8D9C28



4F4C47



8F5B00



0F0A00



# Inverse Universe

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



28529C



1658CC



37289C



474A4F



00348F

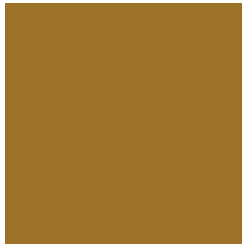


00060F



# Previews

## White Background



This preview shows how the Hex color 9C7228 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 9C7228 Background



This preview shows how black text looks on a background with the Hex color 9C7228.



This preview shows how white text looks on a background with the Hex color 9C7228.

# 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**  
9C7228

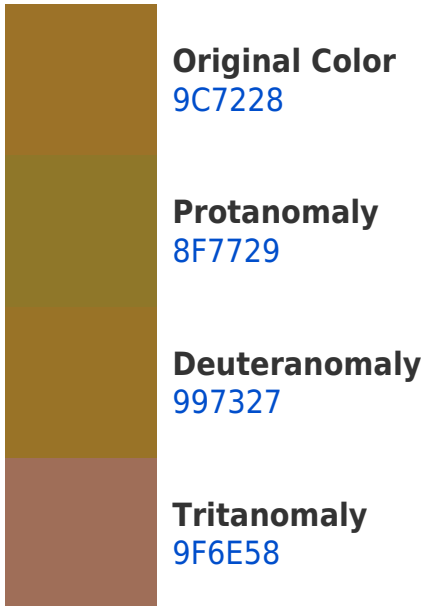
**Protanopia**  
887A2A

**Deuteranopia**  
987427

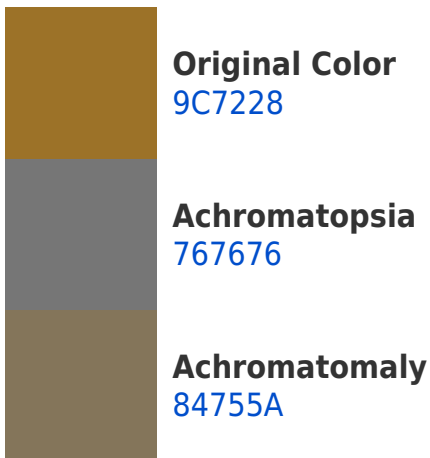


**Tritanopia**  
A16B73

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C7228 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 #9C7228 looks like.

```
.text, #text, p{  
    color:#9C7228  
}
```

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 #9C7228 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C7228
}
```

## Border

The CSS property to change the border of an element to Hex 9C7228 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
#9C7228 }
```

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

```
.border{ border-color:#9C7228 }
```

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

Here you see how a box with a 4 pixel #9C7228 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C7228; -webkit-box-shadow:4px 4px  
4px 4px #9C7228; box-shadow:4px 4px 4px  
4px #9C7228 }
```

# Background

The CSS property to change the background color of an element to Hex 9C7228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C7228 }
```

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

```
.background{ background-color:#9C7228 }
```

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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