

# Converting Colors

Hex(9C6228)

Have a look what the booklet for  
Hex(9C6228) contains.

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**Color**

**Hex(9C6228)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C6228
RGB	156, 98, 40
RGB Percent	61%, 38%, 16%
CMY	0.3882, 0.6157, 0.8431
CMYK	0.00, 0.37, 0.74, 0.39
HSL	30°, 59%, 38%
HSV	30°, 74%, 61%
XYZ	18.4610, 15.9565, 4.1144
YIQ	108.7300, 53.1860, -5.7420

# Conversions

## Conversions Part 2

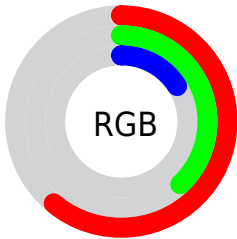
<b>Format</b>	<b>Color</b>
<b>RYB</b>	156, 156, 40
Decimal	10248744
CIELab	46.92, 18.37, 41.36
CIElCh	47, 45.259, 66.057
Yxy	15.9565, 0.4791, 0.4141
Android (android.graphics.Color)	4288438824 (0xFF9C6228)
YUV	108.7300, -33.8839, 41.4558
Hunter-Lab	39.9456, 12.5897, 21.8550

# Details

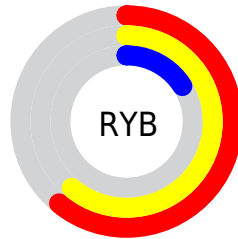
The Hex color **9C6228** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **28629C**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **D69559**, and **643300** is the 20% darker color. If you saturate the color by 10%, you get **9C5A18**, and if you desaturate by 10%, it is **9C6A38**.

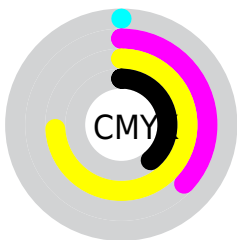
# Distribution



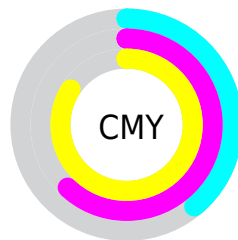
- Red (61%)
- Green (38%)
- Blue (16%)



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



- Cyan (0%)
- Magenta (37%)
- Yellow (74%)
- Black (39%)



- Cyan (39%)
- Magenta (62%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C6228 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 9C6228 by changing the saturation by 10% instead.





9C6228



9C6228

FFFFFF



804A0F



D69559



643300



F4B072



491D00



FFCB8C



2E0800



FFE7A7



0D0000



FFFFC2



000000



FFFFDE



FFFFFFB



9C6228



9C6228

■ 9C5A18

■ 9C6A38

■ 9C5209

■ 9C7247

■ 9C4E00

■ 9C7957

■ 9C8166

■ 9C8976

■ 9C9186

■ 9C9995

■ 9CA0A5

■ 9CA8B4

# Harmonies

## Analogous

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



B05444



9C6228



7D701D

# Triad

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



9C6228



008276



7B62AD

# Complementary

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



9C6228



28629C

# 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.



2E71BB



9C6228



00819B

# Square

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



9C6228



0E7F4F



007BB4



A3538F

# Rectangle

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



9C6228



637726



007BB4



6867B4



# Sweetspot

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



9C6228



CCB69F



9C2862



66594B



E6E6E6



666666



# Same Dimension

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



9C6228



CC7116



9C9C28



4F4B47



8F4700



0F0800



# Inverse Universe

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



28629C



1671CC



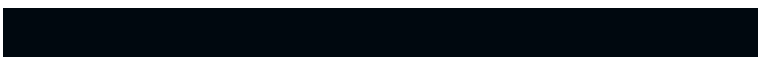
28289C



474B4F



00478F



00080F



# Previews

## White Background



This preview shows how the Hex color 9C6228 looks on a white background.

## Color Contrast Check

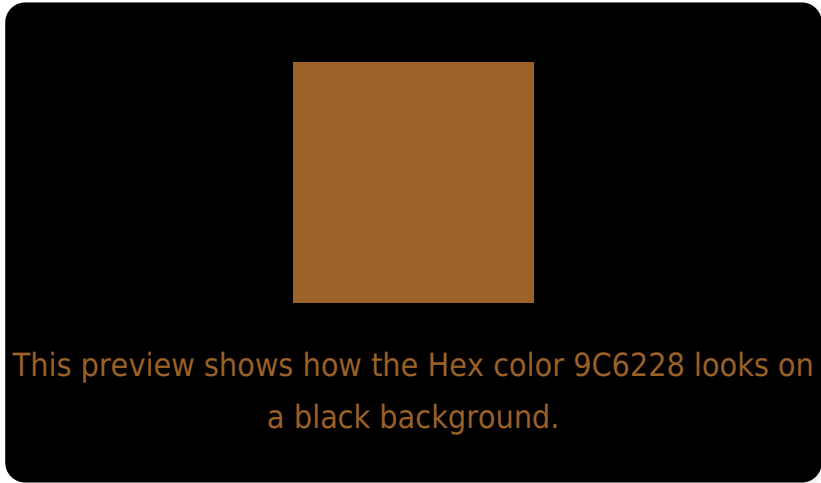
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9C6228 Background



This preview shows how black text looks on a background with the Hex color 9C6228.



This preview shows how white text looks on a background with the Hex color 9C6228.

# 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**  
9C6228

**Protanopia**  
7D702C

**Deuteranopia**  
8C6A25



**Tritanopia**  
9F5C63

# Trichromacy



**Original Color**  
9C6228

**Protanomaly**  
886B2B

**Deuteranomaly**  
926726

**Tritanomaly**  
9E5E4E

# Monochromacy



**Original Color**  
9C6228

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
7E6954

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C6228 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 #9C6228 looks like.

```
.text, #text, p{  
    color:#9C6228  
}
```

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 #9C6228 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C6228  
}
```

## Border

The CSS property to change the border of an element to Hex 9C6228 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  
#9C6228 }
```

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

```
.border{ border-color:#9C6228 }
```

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

Here you see how a box with a 4 pixel #9C6228 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C6228; -webkit-box-shadow:4px 4px  
4px 4px #9C6228; box-shadow:4px 4px 4px  
4px #9C6228 }
```

# Background

The CSS property to change the background color of an element to Hex 9C6228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C6228 }
```

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

```
.background{ background-color:#9C6228 }
```

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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