

# Converting Colors

Hex(9C7728)

Have a look what the booklet for  
Hex(9C7728) contains.

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**Color**

**Hex(9C7728)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9C7728
RGB	156, 119, 40
RGB Percent	61%, 47%, 16%
CMY	0.3882, 0.5333, 0.8431
CMYK	0.00, 0.24, 0.74, 0.39
HSL	41°, 59%, 38%
HSV	41°, 74%, 61%
XYZ	20.6901, 20.4148, 4.8574
YIQ	121.0570, 47.4110, -16.7250

# Conversions

## Conversions Part 2

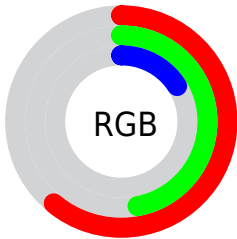
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	94, 156, 40
Decimal	10254120
CIE <sub>Lab</sub>	52.30, 6.37, 46.83
CIE <sub>LCh</sub>	52, 47.262, 82.257
Y <sub>xy</sub>	20.4148, 0.4502, 0.4442
Android (android.graphics.Color)	4288444200 (0xFF9C7728)
YUV	121.0570, -39.9611, 30.6450
Hunter-Lab	45.1827, 2.6692, 25.2538

# Details

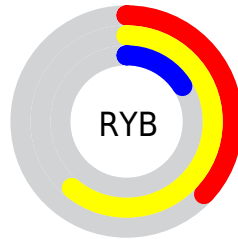
The Hex color **9C7728** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **284D9C**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **D6AB5A**, and **654700** is the 20% darker color. If you saturate the color by 10%, you get **9C7218**, and if you desaturate by 10%, it is **9C7C38**.

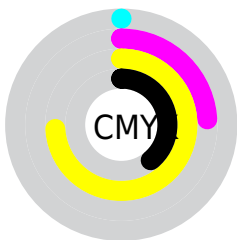
# Distribution



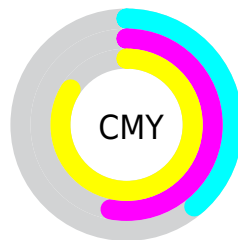
- Red (61%)
- Green (47%)
- Blue (16%)



- Red (37%)
- Yellow (61%)
- Blue (16%)



- Cyan (0%)
- Magenta (24%)
- Yellow (74%)
- Black (39%)



- Cyan (39%)
- Magenta (53%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C7728 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 9C7728 by changing the saturation by 10% instead.



 9C7728

 9C7728

FFFFFF

 805E0C

 D6AB5A

 654700

 F3C674

 4A3100

 FFE28F

 301C00

 FFFFAA

 180300

 FFFFC5

 000000

 FFFFEE

 9C7728

 9C7728

 9C7218

 9C7C38

■ 9C6D09

■ 9C8147

■ 9C6A00

■ 9C8657

■ 9C8B66

■ 9C9076

■ 9C9586

■ 9C9A95

■ 9C9FA5

■ 9CA4B4

# Harmonies

## Analogous

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



B9673D



9C7728



76842C

# Triad

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



9C7728



00909A



A466AF

# Complementary

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



9C7728



284D9C

# 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.



6C76C8



9C7728



008DBC

# Square

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



9C7728



009071



0084CD



C15989

# Rectangle

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



9C7728



568A3E



0084CD



956BB9



# Sweetspot

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



9C7728



CCBE9F



9C284F



665E4B



E6E6E6



666666



# Same Dimension

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



9C7728



CC9216



899C28



4F4D47



8F6100



0F0A00



# Inverse Universe

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



284D9C



1650CC



3B289C



474A4F



002E8F

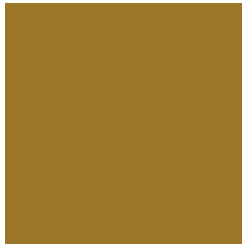


00050F



# Previews

## White Background



This preview shows how the Hex color 9C7728 looks on a white background.

## Color Contrast Check

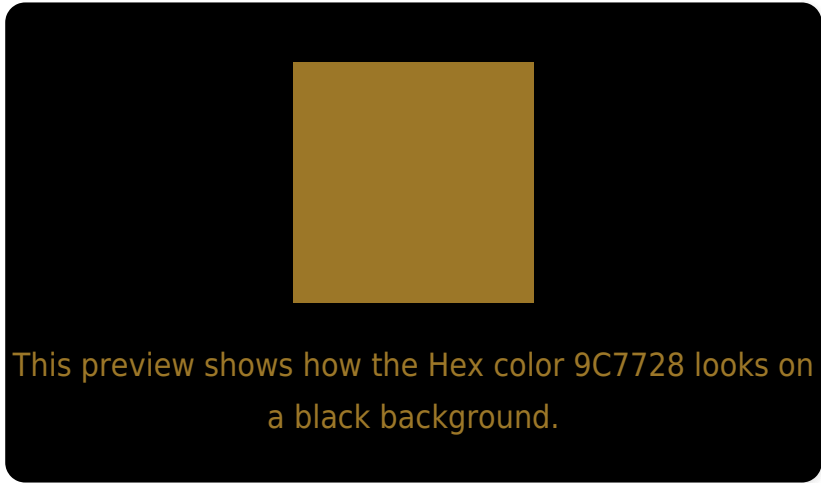
Large Text (above 18pt) WCAG AA ✓ Pass

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

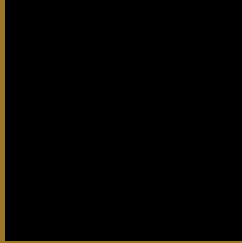
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9C7728 Background



This preview shows how black text looks on a background with the Hex color 9C7728.



This preview shows how white text looks on a background with the Hex color 9C7728.

# 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**  
9C7728

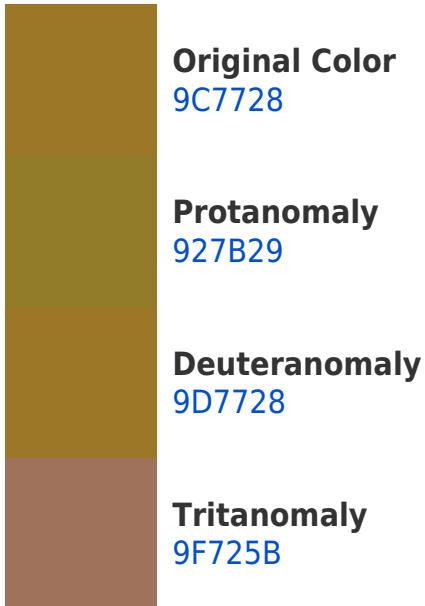
**Protanopia**  
8C7D2A

**Deuteranopia**  
9D7728

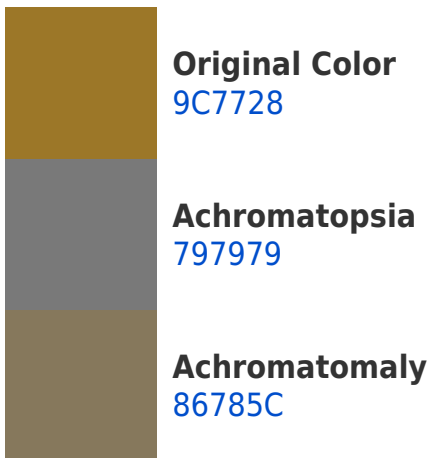


**Tritanopia**  
A16F78

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C7728 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 #9C7728 looks like.

```
.text, #text, p{  
    color:#9C7728  
}
```

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 #9C7728 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C7728
}
```

## Border

The CSS property to change the border of an element to Hex 9C7728 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
#9C7728 }
```

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

```
.border{ border-color:#9C7728 }
```

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

Here you see how a box with a 4 pixel #9C7728 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C7728; -webkit-box-shadow:4px 4px  
4px 4px #9C7728; box-shadow:4px 4px 4px  
4px #9C7728 }
```

# Background

The CSS property to change the background color of an element to Hex 9C7728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C7728 }
```

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

```
.background{ background-color:#9C7728 }
```

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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