

# Converting Colors

Hex(9C7012)

Have a look what the booklet for  
Hex(9C7012) contains.

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**Color**

**Hex(9C7012)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9C7012
RGB	156, 112, 18
RGB Percent	61%, 44%, 7%
CMY	0.3882, 0.5608, 0.9294
CMYK	0.00, 0.28, 0.88, 0.39
HSL	41°, 79%, 34%
HSV	41°, 88%, 61%
XYZ	19.6137, 18.6999, 3.1480
YIQ	114.4400, 56.3980, -19.9060

# Conversions

## Conversions Part 2

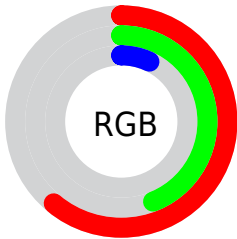
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	83, 156, 18
Decimal	10252306
CIE <sub>Lab</sub>	50.33, 9.54, 52.99
CIE <sub>LCh</sub>	50, 53.838, 79.789
Yxy	18.6999, 0.4731, 0.4510
Android (android.graphics.Color)	4288442386 (0xFF9C7012)
YUV	114.4400, -47.5449, 36.4481
Hunter-Lab	43.2434, 5.2852, 25.9543

# Details

The Hex color **9C7012** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **123E9C**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **D7A349**, and **644000** is the 20% darker color. If you saturate the color by 10%, you get **9C6B02**, and if you desaturate by 10%, it is **9C7522**.

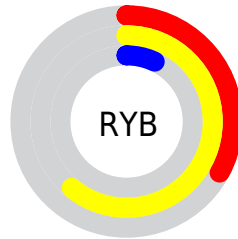
# Distribution



Red (61%)

Green (44%)

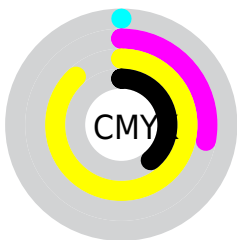
Blue (7%)



Red (33%)

Yellow (61%)

Blue (7%)

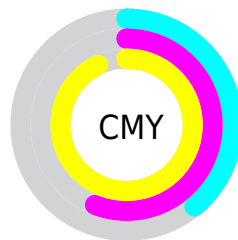


Cyan (0%)

Magenta (28%)

Yellow (88%)

Black (39%)



Cyan (39%)

Magenta (56%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C7012 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 9C7012 by changing the saturation by 10% instead.



 9C7012

 9C7012

FFFFFF

 805800

 D7A349

 644000

 F5BE63

 492B00

 FFDA7D

 2F1600

 FFF798

 160000

 FFFFB3

 000000

 FFFFCE

 FFFFEC

 9C7012

 9C7012

■ 9C6B02

■ 9C7522

■ 9C6A00

■ 9C7A31

■ 9C7F41

■ 9C8450

■ 9C8960

■ 9C8E70

■ 9C937F

■ 9C988F

■ 9C9D9E

# Harmonies

## Analogous

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



BB5D32



9C7012



727F14

# Triad

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



9C7012



008D95



A05EB4

# Complementary

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



9C7012



123E9C

# 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.



5972CE



9C7012



008ABD

# Square

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



9C7012



008C66



0082D2



C34D89

# Rectangle

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



9C7012



4F852B



0082D2



8D65BF



# Sweetspot

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



9C7012



CCBA95



9C1240



665C45



E6E6E6



666666



# Same Dimension

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



9C7012



CC8B00



859C12



4F4D47



8F6100



0F0A00



# Inverse Universe

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



123E9C



0041CC



29129C



474A4F



002E8F

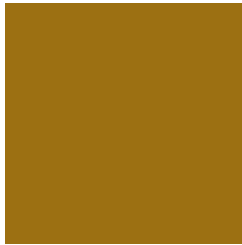


00050F



# Previews

## White Background



This preview shows how the Hex color 9C7012 looks on a white background.

## Color Contrast Check

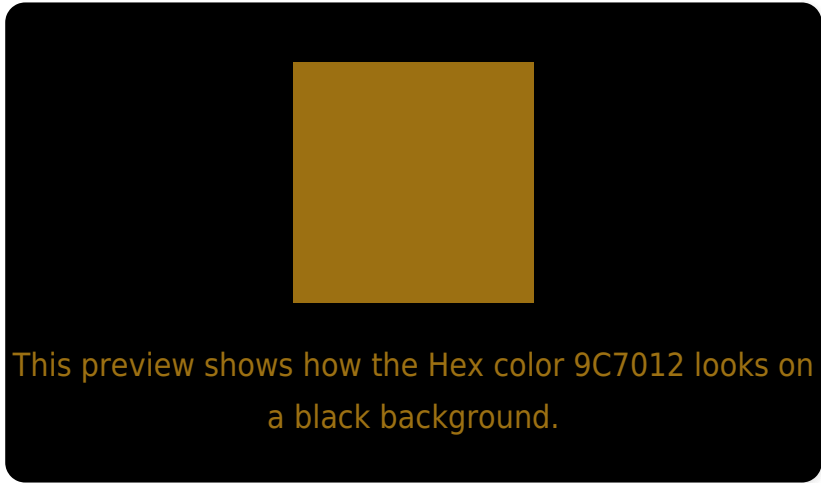
Large Text (above 18pt) WCAG AA ✓ Pass

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 9C7012 Background



This preview shows how black text looks on a background with the Hex color 9C7012.



This preview shows how white text looks on a background with the Hex color 9C7012.

# 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**  
9C7012

**Protanopia**  
877814

**Deuteranopia**  
987210

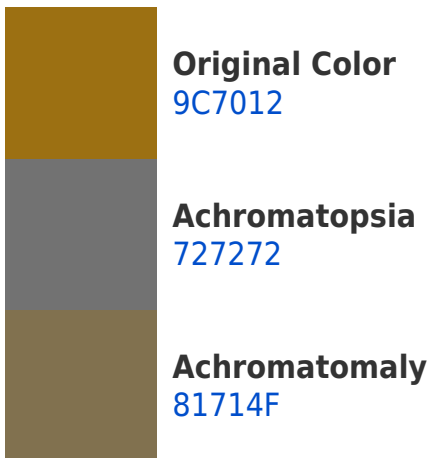


**Tritanopia**  
A16870

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C7012 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 #9C7012 looks like.

```
.text, #text, p{  
    color:#9C7012  
}
```

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 #9C7012 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C7012
}
```

## Border

The CSS property to change the border of an element to Hex 9C7012 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
#9C7012 }
```

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

```
.border{ border-color:#9C7012 }
```

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

Here you see how a box with a 4 pixel #9C7012 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C7012; -webkit-box-shadow:4px 4px  
4px 4px #9C7012; box-shadow:4px 4px 4px  
4px #9C7012 }
```

# Background

The CSS property to change the background color of an element to Hex 9C7012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C7012 }
```

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

```
.background{ background-color:#9C7012 }
```

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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