

Converting Colors

Hex(9C8A12)

Have a look what the booklet for
Hex(9C8A12) contains.

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Color

Hex(9C8A12)

Conversions

Conversions Part 1

Format	Color
Hex	9C8A12
RGB	156, 138, 18
RGB Percent	61%, 54%, 7%
CMY	0.3882, 0.4588, 0.9294
CMYK	0.00, 0.12, 0.88, 0.39
HSL	52°, 79%, 34%
HSV	52°, 88%, 61%
XYZ	22.9080, 25.2886, 4.2461
YIQ	129.7020, 49.2480, -33.5040

Conversions

Conversions Part 2

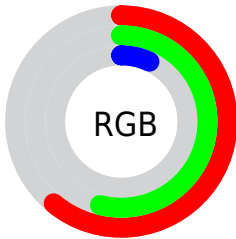
Format	Color
RYB	39, 156, 18
Decimal	10258962
CIELab	57.36, -5.03, 58.65
CIELCh	57, 58.868, 94.898
Yxy	25.2886, 0.4368, 0.4822
Android (android.graphics.Color)	4288449042 (0xFF9C8A12)
YUV	129.7020, -55.0691, 23.0633
Hunter-Lab	50.2877, -6.6900, 30.1952

Details

The Hex color **9C8A12** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **12249C**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **D6BF4D**, and **655900** is the 20% darker color. If you saturate the color by 10%, you get **9C8802**, and if you desaturate by 10%, it is **9C8C22**.

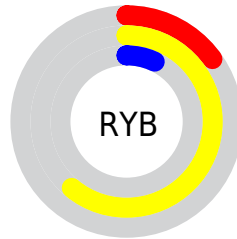
Distribution



Red (61%)

Green (54%)

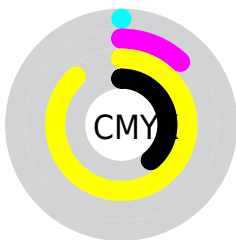
Blue (7%)



Red (15%)

Yellow (61%)

Blue (7%)

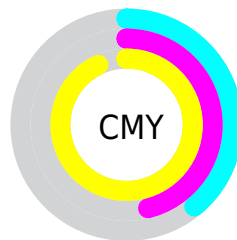


Cyan (0%)

Magenta (12%)

Yellow (88%)

Black (39%)



Cyan (39%)

Magenta (46%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9C8A12 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 9C8A12 by changing the saturation by 10% instead.



9C8A12



9C8A12

FFFFFF



807100



D6BF4D



655900



F4DB68



4A4100



FFF783



302C00



FFFF9E



171800



FFFFBA



000000



FFFFD7



FFFFF4



9C8A12



9C8A12

■ 9C8802

■ 9C8C22

■ 9C8800

■ 9C8E31

■ 9C9041

■ 9C9250

■ 9C9460

■ 9C9670

■ 9C987F

■ 9C9A8F

■ 9C9C9E

Harmonies

Analogous

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



C67728



9C8A12



67972D

Triad

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



9C8A12



00A1C3



CE62B6

Complementary

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



9C8A12



12249C

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.



9678DF



9C8A12



009AE6

Square

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



9C8A12



00A291



008DF0



E65883

Rectangle

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



9C8A12



329D4B



008DF0



BF69C6

Sweetspot

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



9C8A12



CCC595



9C1224



666245



E6E6E6



666666

Same Dimension

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



9C8A12



CCB100



699C12



4F4E47



8F7C00



0F0D00

Inverse Universe

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



12249C



001BCC



45129C



47484F



00138F



00020F

Previews

White Background



This preview shows how the Hex color 9C8A12 looks on a white background.

Color Contrast Check

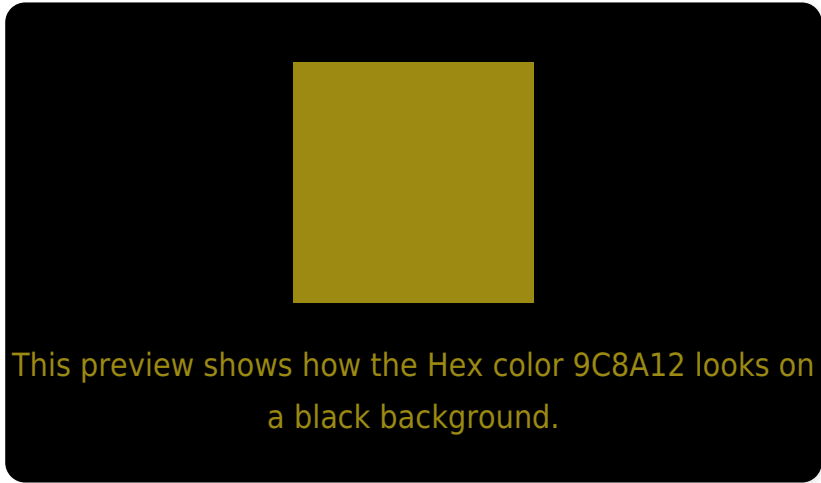
Large Text (above 18pt) WCAG AA ✓ Pass

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 9C8A12 Background



This preview shows how black text looks on a background with the Hex color 9C8A12.



This preview shows how white text looks on a background with the Hex color 9C8A12.

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
9C8A12

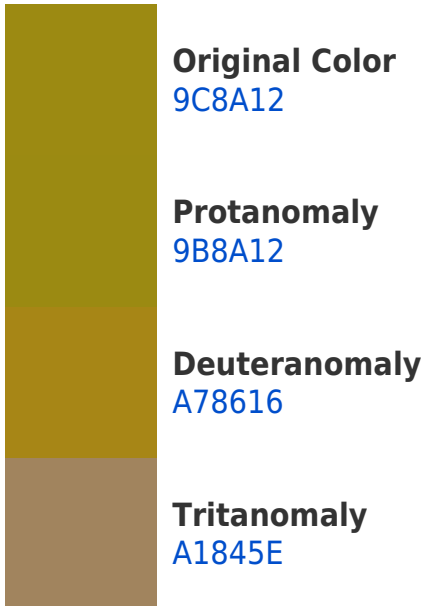
Protanopia
9B8A12

Deuteranopia
AE8318

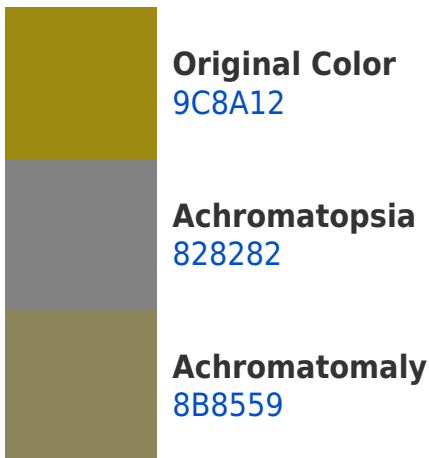


Tritanopia
A4808A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9C8A12 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 #9C8A12 looks like.

```
.text, #text, p{  
    color:#9C8A12  
}
```

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 #9C8A12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C8A12
}
```

Border

The CSS property to change the border of an element to Hex 9C8A12 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
#9C8A12 }
```

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

```
.border{ border-color:#9C8A12 }
```

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

Here you see how a box with a 4 pixel #9C8A12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C8A12; -webkit-box-shadow:4px 4px  
4px 4px #9C8A12; box-shadow:4px 4px 4px  
4px #9C8A12 }
```

Background

The CSS property to change the background color of an element to Hex 9C8A12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C8A12 }
```

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

```
.background{ background-color:#9C8A12 }
```

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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