

# Converting Colors

Hex(C9AB07)

Have a look what the booklet for  
Hex(C9AB07) contains.

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**Color**

**Hex(C9AB07)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C9AB07
RGB	201, 171, 7
RGB Percent	79%, 67%, 3%
CMY	0.2118, 0.3294, 0.9725
CMYK	0.00, 0.15, 0.97, 0.21
HSL	51°, 93%, 41%
HSV	51°, 97%, 79%
XYZ	38.6887, 41.5587, 6.1835
YIQ	161.2740, 70.5240, -44.6440

# Conversions

## Conversions Part 2

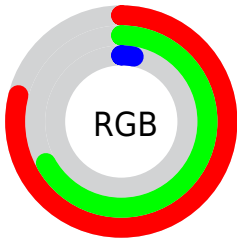
Format	Color
<a href="#">RYB</a>	<a href="#">42, 201, 7</a>
Decimal	<a href="#">13216519</a>
CIELab	<a href="#">70.57, -2.57, 72.38</a>
CIElCh	<a href="#">71, 72.421, 92.036</a>
Yxy	<a href="#">41.5587, 0.4476, 0.4808</a>
Android (android.graphics.Color)	<a href="#">4291406599</a> ( <a href="#">0xFFC9AB07</a> )
YUV	<a href="#">161.2740, -76.0571, 34.8397</a>
Hunter-Lab	<a href="#">64.4660, -5.6905, 39.4392</a>

# Details

The Hex color **C9AB07** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **0725C9**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFE250**, and **8E7700** is the 20% darker color. If you saturate the color by 10%, you get **C9AA00**, and if you desaturate by 10%, it is **C9AE1B**.

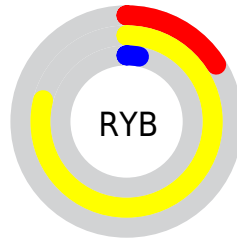
# Distribution



Red (79%)

Green (67%)

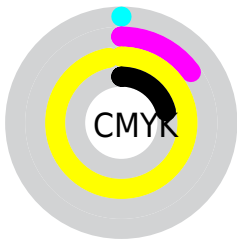
Blue (3%)



Red (16%)

Yellow (79%)

Blue (3%)

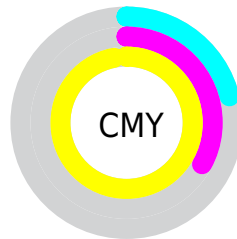


Cyan (0%)

Magenta (15%)

Yellow (97%)

Black (21%)



Cyan (21%)

Magenta (33%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C9AB07 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 C9AB07 by changing the saturation by 10% instead.





C9AB07



C9AB07

FFFFFF



AB9100



FFE250



8E7700



FFFE6D



725F00



FFFF89



564800



FFFFA5



3B3100



FFFFC2



221D00



FFFFDF



000400



FFFFFC



000000



C9AB07



C9AB07

 C9AA00

 C9AE1B

 C9B12F

 C9B443

 C9B757

 C9BB6C

 C9BE80

 C9C194

 C9C4A8

 C9C7BC

# Harmonies

## Analogous

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



FD9233



C9AB07



86BD2F

# Triad

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



C9AB07



00CAF1



FF7BEC

# Complementary

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



C9AB07



0725C9

# 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.



B299FF



C9AB07



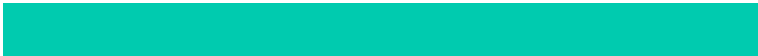
00C3FF

# Square

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



C9AB07



00CBAF



00B3FF



FF6BAB

# Rectangle

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



C9AB07



46C456



00B3FF



EB85FF



# Sweetspot

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



C9AB07



FFF4B5



C90727



807953



000000



808080



# Same Dimension

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



C9AB07



FFD800



88C907



63625A



A38A00



241E00



# Inverse Universe

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



0725C9



0027FF



4807C9



5A5B63



0019A3



000624



# Previews

## White Background



This preview shows how the Hex color C9AB07 looks on a white background.

## Color Contrast Check

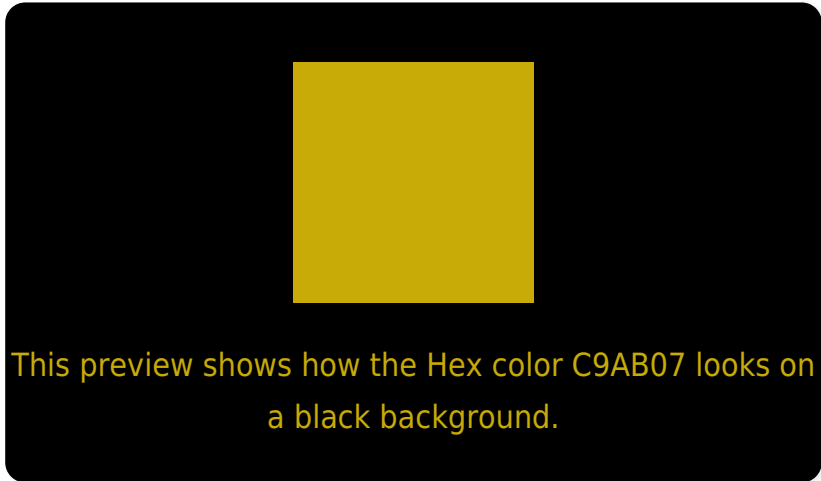
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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



## Hex C9AB07 Background



This preview shows how black text looks on a background with the Hex color C9AB07.



This preview shows how white text looks on a background with the Hex color C9AB07.

# 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**  
C9AB07

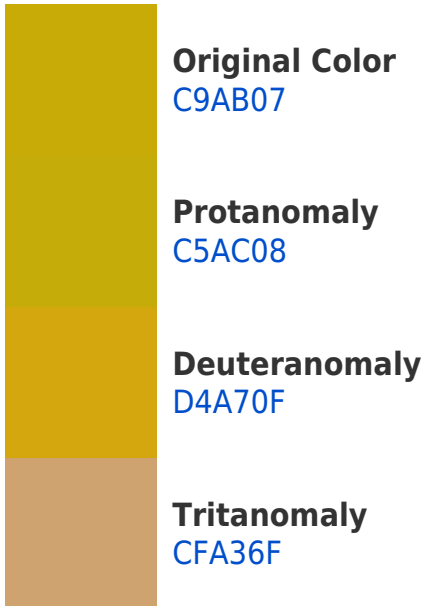
**Protanopia**  
C3AD09

**Deuteranopia**  
DAA414

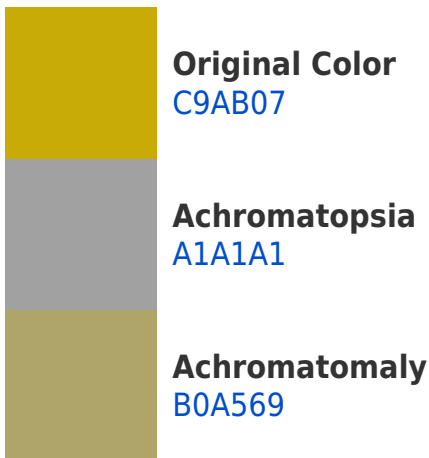


**Tritanopia**  
D29FAB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C9AB07 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 #C9AB07 looks like.

```
.text, #text, p{  
    color:#C9AB07  
}
```

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 #C9AB07 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9AB07
}
```

## Border

The CSS property to change the border of an element to Hex C9AB07 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
#C9AB07 }
```

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

```
.border{ border-color:#C9AB07 }
```

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

Here you see how a box with a 4 pixel #C9AB07 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9AB07; -webkit-box-shadow:4px 4px  
4px 4px #C9AB07; box-shadow:4px 4px 4px  
4px #C9AB07 }
```

# Background

The CSS property to change the background color of an element to Hex C9AB07 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9AB07 }
```

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

```
.background{ background-color:#C9AB07 }
```

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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