

# Converting Colors

Hex(C9B76B)

Have a look what the booklet for  
Hex(C9B76B) contains.

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# **Color**

**Hex(C9B76B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C9B76B
RGB	201, 183, 107
RGB Percent	79%, 72%, 42%
CMY	0.2118, 0.2824, 0.5804
CMYK	0.00, 0.09, 0.47, 0.21
HSL	49°, 47%, 60%
HSV	49°, 47%, 79%
XYZ	43.6747, 47.3460, 20.7467
YIQ	179.7180, 35.1240, -19.8200

# Conversions

## Conversions Part 2

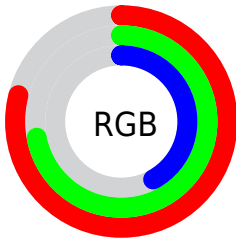
<b>Format</b>	<b>Color</b>
<b>RYB</b>	129, 201, 107
Decimal	13219691
CIELab	74.41, -3.87, 40.79
CIELCh	74, 40.976, 95.415
Yxy	47.3460, 0.3908, 0.4236
Android (android.graphics.Color)	4291409771 (0xFFC9B76B)
YUV	179.7180, -35.8500, 18.6643
Hunter-Lab	68.8084, -7.1156, 30.2891

# Details

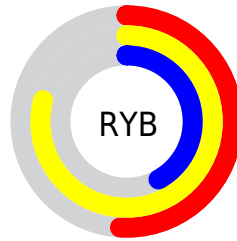
The Hex color **C9B76B** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **6B7DC9**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **FFEFA0**, and **918239** is the 20% darker color. If you saturate the color by 10%, you get **C9B357**, and if you desaturate by 10%, it is **C9BB7F**.

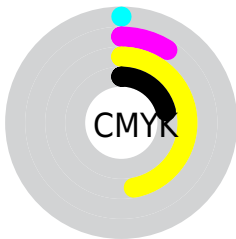
# Distribution



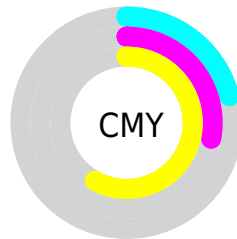
- Red (79%)
- Green (72%)
- Blue (42%)



- Red (51%)
- Yellow (79%)
- Blue (42%)



- Cyan (0%)
- Magenta (9%)
- Yellow (47%)
- Black (21%)



- Cyan (21%)
- Magenta (28%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C9B76B 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 C9B76B by changing the saturation by 10% instead.



 C9B76B

 C9B76B

FFFFFF

 AD9C52

 FFEFA0

 918239

 FFFFBB

 766921

 FFFFFD7

 5C5105

 FFFFF4

 433A00

 2A2500

 0E1100

 000000

 C9B76B

 C9B76B

 C9B357

 C9BB7F

 C9AF43

 C9BF93

 C9AB2F

 C9C3A7

 C9A81B

 C9C6BB

 C9A406

 C9CAD0

 C9A300

 C9CEE4

 C9D2F8

 C9D6FF

 C9DAFF

# Harmonies

## Analogous

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



E9AA73



C9B76B



A1C278

# Triad

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



C9B76B



00CAE1



EC9ED7

# Complementary

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



C9B76B



6B7DC9

# 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.



C4ABF4



C9B76B



44C3FB

# Square

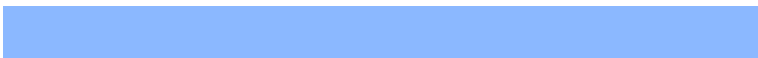
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C9B76B



3ACBBD



8BB8FF



FF99B2

# Rectangle

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



C9B76B



83C78B



8BB8FF



E1A2E2



# Sweetspot

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



C9B76B



FFF8DB



C96B7E



807B6A



000000



808080



# Same Dimension

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



C9B76B



FFE470



ADC96B



63625A



A38400



241D00



# Inverse Universe

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



6B7DC9



708CFF



876BC9



5A5B63



001FA3



000724



# Previews

## White Background



This preview shows how the Hex color C9B76B looks on a white background.

## Color Contrast Check

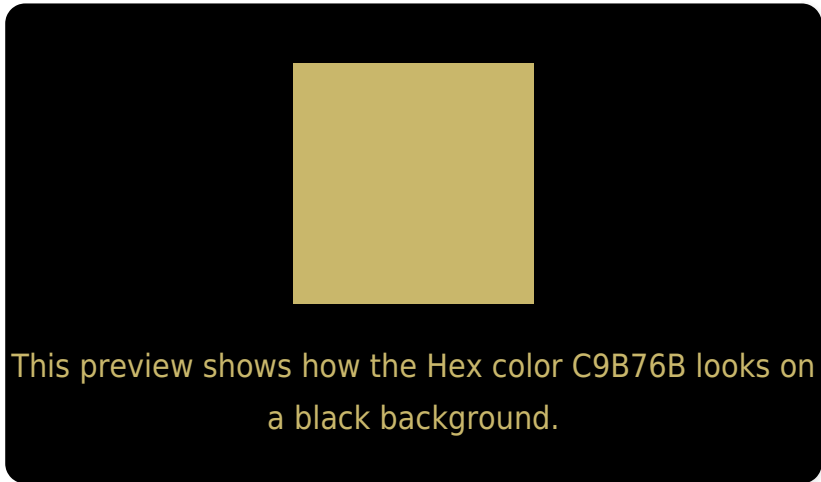
Large Text (above 18pt) WCAG AA × Fail

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 C9B76B Background



This preview shows how black text looks on a background with the Hex color C9B76B.



This preview shows how white text looks on a background with the Hex color C9B76B.

# 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



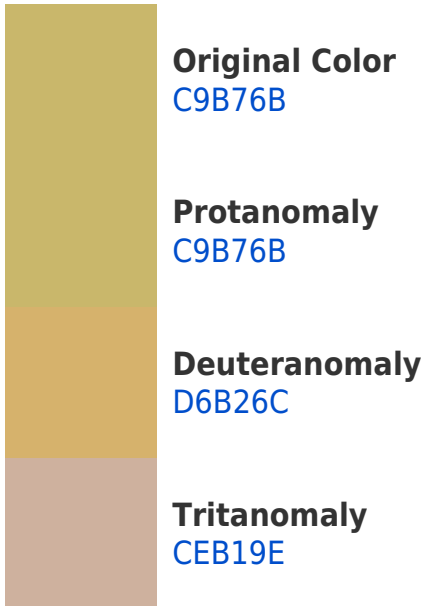
**Original Color**  
C9B76B

**Protanopia**  
C9B76B

**Deuteranopia**  
DEAF6D



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C9B76B 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 #C9B76B looks like.

```
.text, #text, p{  
    color:#C9B76B  
}
```

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 #C9B76B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9B76B
}
```

## Border

The CSS property to change the border of an element to Hex C9B76B 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
#C9B76B }
```

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

```
.border{ border-color:#C9B76B }
```

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

Here you see how a box with a 4 pixel #C9B76B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9B76B; -webkit-box-shadow:4px 4px  
4px 4px #C9B76B; box-shadow:4px 4px 4px  
4px #C9B76B }
```

# Background

The CSS property to change the background color of an element to Hex C9B76B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9B76B }
```

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

```
.background{ background-color:#C9B76B }
```

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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