

# Converting Colors

Hex(CD9C4B)

Have a look what the booklet for  
Hex(CD9C4B) contains.

<b>Hex(CD9C4B)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(CD9C4B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CD9C4B
RGB	205, 156, 75
RGB Percent	80%, 61%, 29%
CMY	0.1961, 0.3882, 0.7059
CMYK	0.00, 0.24, 0.63, 0.20
HSL	37°, 57%, 55%
HSV	37°, 63%, 80%
XYZ	38.3353, 37.2641, 11.8288
YIQ	161.4170, 55.2050, -14.8030

# Conversions

## Conversions Part 2

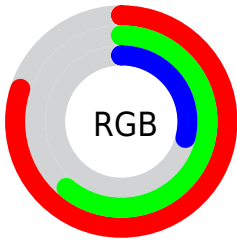
<b>Format</b>	<b>Color</b>
<b>RYB</b>	154, 205, 75
Decimal	13474891
CIELab	67.47, 9.62, 48.49
CIELCh	67, 49.435, 78.781
Yxy	37.2641, 0.4385, 0.4262
Android (android.graphics.Color)	4291664971 (0xFFCD9C4B)
YUV	161.4170, -42.6036, 38.2223
Hunter-Lab	61.0443, 5.2690, 31.2421

# Details

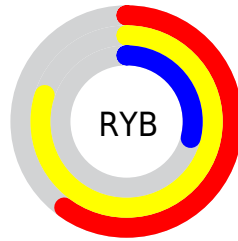
The Hex color **CD9C4B** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **4B7CCD**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFD27F**, and **936917** is the 20% darker color. If you saturate the color by 10%, you get **CD9437**, and if you desaturate by 10%, it is **CDA460**.

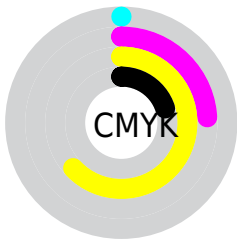
# Distribution



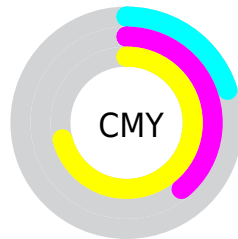
- Red (80%)
- Green (61%)
- Blue (29%)



- Red (60%)
- Yellow (80%)
- Blue (29%)



- Cyan (0%)
- Magenta (24%)
- Yellow (63%)
- Black (20%)



- Cyan (20%)
- Magenta (39%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CD9C4B 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 CD9C4B by changing the saturation by 10% instead.



 CD9C4B

 CD9C4B

FFFFFF

 B08232

 FFD27F

 936917

 FFEF99

 775100

 FFFFB5

 5C3A00

 FFFFD1

 412500

 FFFFED

 281100

 000000

 CD9C4B

 CD9C4B

 CD9437

 CDA460

 CD8D22

 CDAB74

 CD850E

 CDB389

 CD8000

 CDBB9D

 CDC3B2

 CDCAC6

 CDD2DB

 CDDAEF

 CDE2FF

# Harmonies

## Analogous

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



EB8C63



CD9C4B



A3AA4C

# Triad

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



CD9C4B



00BBC0



CB8EDF

# Complementary

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



CD9C4B



4B7CCD

# 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.



8C9FF9



CD9C4B



00B7E6

# Square

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



CD9C4B



12BA91



06AEFB



EE81B7

# Rectangle

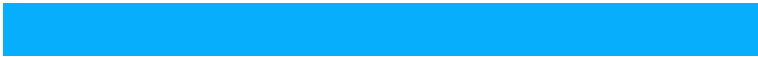
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CD9C4B



82B25C



06AEFB



B993EA

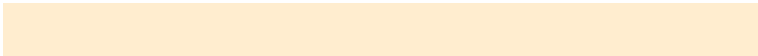


# Sweetspot

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



CD9C4B



FFEDCF



CD4B7D



807462



000000



808080



# Same Dimension

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



CD9C4B



FFB63D



BECD4B



66625C



A66700



261800



# Inverse Universe

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



4B7CCD



3D86FF



5A4BCD



5C6066



003EA6

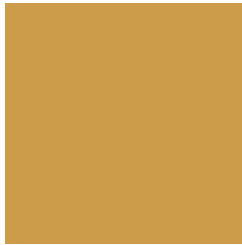


000E26



# Previews

## White Background



This preview shows how the Hex color CD9C4B looks on a white background.

## Color Contrast Check

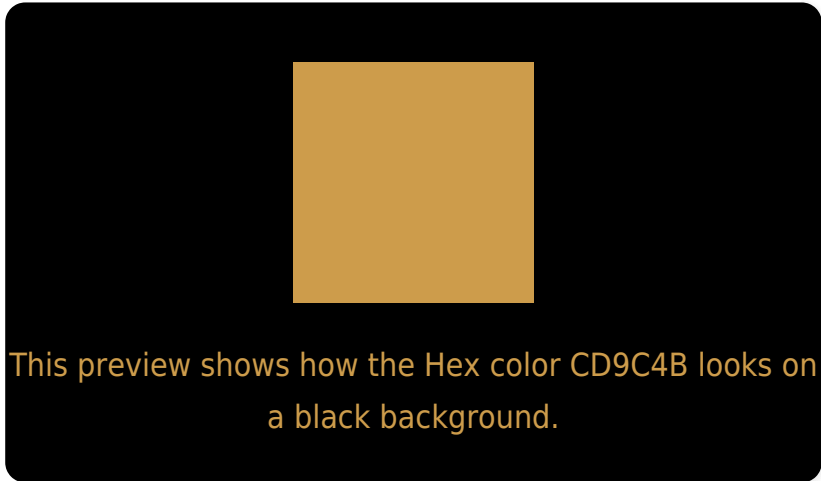
Large Text (above 18pt) WCAG AA × Fail

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 CD9C4B Background



This preview shows how black text looks on a background with the Hex color CD9C4B.



This preview shows how white text looks on a background with the Hex color CD9C4B.

# 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**  
CD9C4B

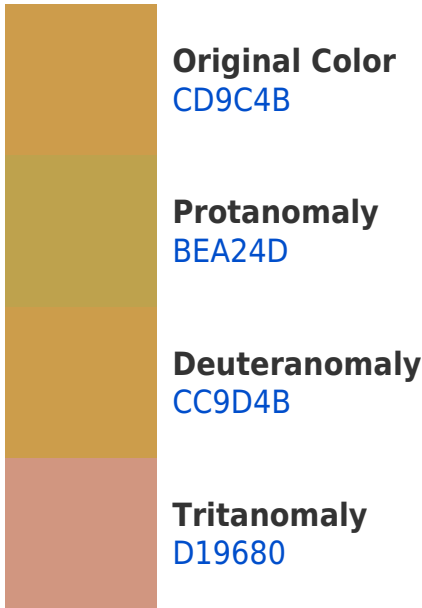
**Protanopia**  
B6A54E

**Deuteranopia**  
CC9D4B



**Tritanopia**  
D3939E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CD9C4B 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 #CD9C4B looks like.

```
.text, #text, p{  
    color:#CD9C4B  
}
```

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 #CD9C4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD9C4B
}
```

## Border

The CSS property to change the border of an element to Hex CD9C4B 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
#CD9C4B }
```

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

```
.border{ border-color:#CD9C4B }
```

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

Here you see how a box with a 4 pixel #CD9C4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD9C4B; -webkit-box-shadow:4px 4px  
4px 4px #CD9C4B; box-shadow:4px 4px 4px  
4px #CD9C4B }
```

# Background

The CSS property to change the background color of an element to Hex CD9C4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD9C4B }
```

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

```
.background{ background-color:#CD9C4B }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor