

# Converting Colors

Hex(C0A74C)

Have a look what the booklet for  
Hex(C0A74C) contains.

<b>Hex(C0A74C)</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(C0A74C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C0A74C
RGB	192, 167, 76
RGB Percent	75%, 65%, 30%
CMY	0.2471, 0.3451, 0.7020
CMYK	0.00, 0.13, 0.60, 0.25
HSL	47°, 48%, 53%
HSV	47°, 60%, 75%
XYZ	36.8615, 39.3657, 12.4930
YIQ	164.1010, 44.1110, -23.0010

# Conversions

## Conversions Part 2

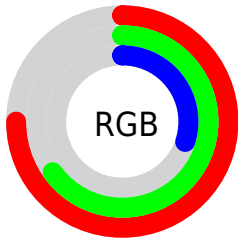
Format	Color
<a href="#">RYB</a>	<a href="#">108, 192, 76</a>
Decimal	<a href="#">12625740</a>
CIELab	<a href="#">69.02, -1.82, 49.39</a>
CIELCh	<a href="#">69, 49.427, 92.109</a>
Yxy	<a href="#">39.3657, 0.4155, 0.4437</a>
Android (android.graphics.Color)	<a href="#">4290815820</a> ( <a href="#">0xFFC0A74C</a> )
YUV	<a href="#">164.1010, -43.4338, 24.4674</a>
Hunter-Lab	<a href="#">62.7421, -4.9286, 32.1138</a>

# Details

The Hex color **C0A74C** is a dark color, and the websafe version is hex **999933**. The color can be described as middle muted orange. A complement of this color would be **4C65C0**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **FBDE80**, and **887317** is the 20% darker color. If you saturate the color by 10%, you get **C0A339**, and if you desaturate by 10%, it is **C0AB5F**.

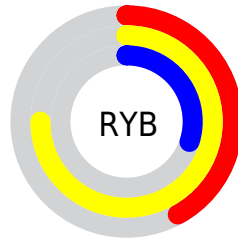
# Distribution



Red (75%)

Green (65%)

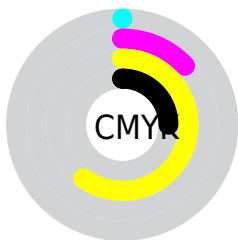
Blue (30%)



Red (42%)

Yellow (75%)

Blue (30%)

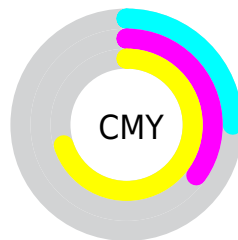


Cyan (0%)

Magenta (13%)

Yellow (60%)

Black (25%)



Cyan (25%)

Magenta (35%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C0A74C 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 C0A74C by changing the saturation by 10% instead.



 C0A74C

 C0A74C

FFFFFF

 A38D32

 FBDE80

 887317

 FFFA9B

 6C5B00

 FFFFB6

 524400

 FFFFFD3

 382E00

 FFFFFEF

 1F1A00

 000000

 C0A74C

 C0A74C

 C0A339

 C0AB5F

 C09F26

 C0AF72

 C09B12

 C0B386

 C09700

 C0B899

 C0BCAC

 C0C0BF

 C0C4D2

 C0C8E6

 C0CCF9

# Harmonies

## Analogous

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



E4975A



C0A74C



92B45A

# Triad

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



C0A74C



00BED7



E28BD3

# Complementary

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



C0A74C



4C65C0

# 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.



B09BF4



C0A74C



00B8F7

# Square

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



C0A74C



00BFAA



5FACFF



FB83A7

# Rectangle

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



C0A74C



6DBA6F



5FACFF



D490E0



# Sweetspot

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



C0A74C



FAF0CD



C04C65



7D7761



FCFCFC



7D7D7D



# Same Dimension

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



C0A74C



FAD343



9FC04C



615F57



A17E00



211A00



# Inverse Universe

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



4C65C0



436BFA



6D4CC0



575961



0023A1

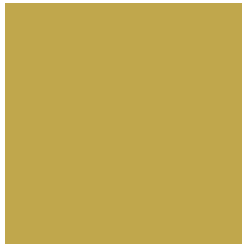


000721



# Previews

## White Background



This preview shows how the Hex color C0A74C looks on a white background.

## Color Contrast Check

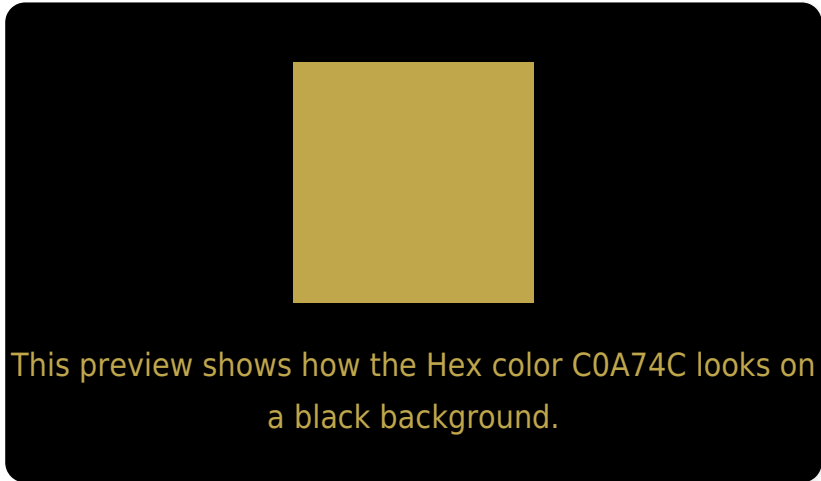
Large Text (above 18pt) WCAG AA × Fail

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 C0A74C Background



This preview shows how black text looks on a background with the Hex color C0A74C.

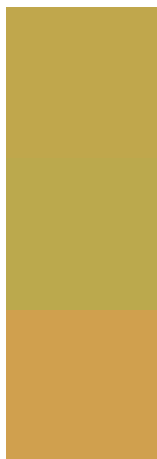


This preview shows how white text looks on a background with the Hex color C0A74C.

# 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**  
C0A74C

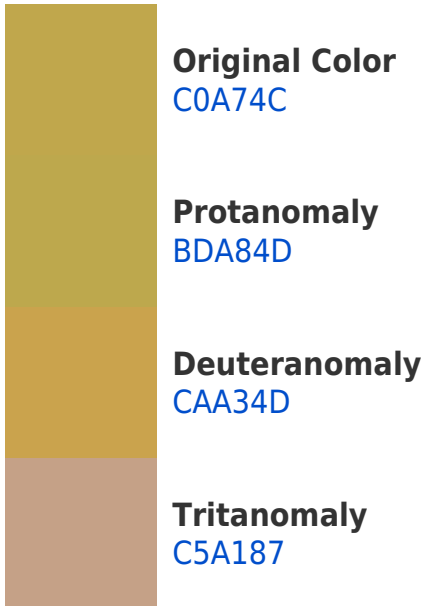
**Protanopia**  
BBA94D

**Deuteranopia**  
D0A04E

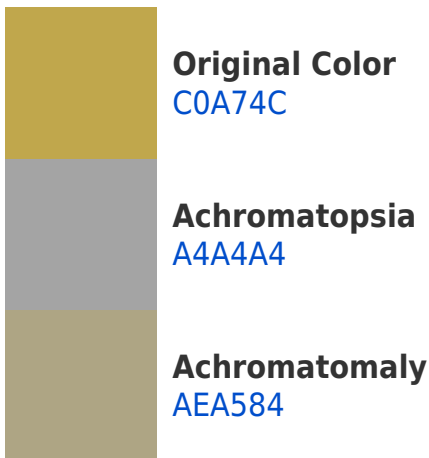


**Tritanopia**  
C89DA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C0A74C 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 #C0A74C looks like.

```
.text, #text, p{  
    color:#C0A74C  
}
```

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 #C0A74C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0A74C
}
```

## Border

The CSS property to change the border of an element to Hex C0A74C 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
#C0A74C }
```

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

```
.border{ border-color:#C0A74C }
```

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

Here you see how a box with a 4 pixel #C0A74C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0A74C; -webkit-box-shadow:4px 4px  
4px 4px #C0A74C; box-shadow:4px 4px 4px  
4px #C0A74C }
```

# Background

The CSS property to change the background color of an element to Hex C0A74C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0A74C }
```

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

```
.background{ background-color:#C0A74C }
```

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