

# Converting Colors

Hex(C7AF4A)

Have a look what the booklet for  
Hex(C7AF4A) contains.

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# **Color**

**Hex(C7AF4A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7AF4A
RGB	199, 175, 74
RGB Percent	78%, 69%, 29%
CMY	0.2196, 0.3137, 0.7098
CMYK	0.00, 0.12, 0.63, 0.22
HSL	48°, 53%, 54%
HSV	48°, 63%, 78%
XYZ	40.1192, 43.2965, 12.7211
YIQ	170.6620, 46.7250, -26.3230

# Conversions

## Conversions Part 2

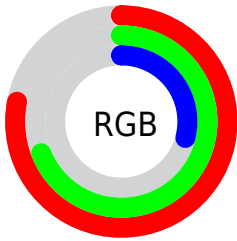
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">104, 199, 74</a>
Decimal	<a href="#">13086538</a>
CIELab	<a href="#">71.76, -3.19, 53.53</a>
CIELCh	<a href="#">72, 53.625, 93.412</a>
Yxy	<a href="#">43.2965, 0.4173, 0.4504</a>
Android (android.graphics.Color)	<a href="#">4291276618 (0xFFC7AF4A)</a>
YUV	<a href="#">170.6620, -47.6544, 24.8524</a>
Hunter-Lab	<a href="#">65.8001, -6.3162, 34.5975</a>

# Details

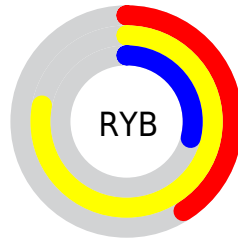
The Hex color **C7AF4A** is a dark color, and the websafe version is hex **CCCC66**. The color can be described as middle muted orange. A complement of this color would be **4A62C7**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFE67F**, and **8E7B12** is the 20% darker color. If you saturate the color by 10%, you get **C7AB36**, and if you desaturate by 10%, it is **C7B35E**.

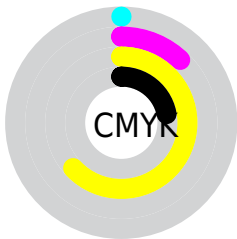
# Distribution



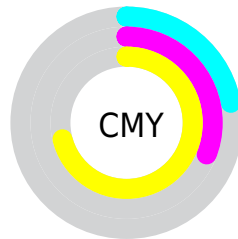
- Red (78%)
- Green (69%)
- Blue (29%)



- Red (41%)
- Yellow (78%)
- Blue (29%)



- Cyan (0%)
- Magenta (12%)
- Yellow (63%)
- Black (22%)



- Cyan (22%)
- Magenta (31%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C7AF4A 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 C7AF4A by changing the saturation by 10% instead.



 C7AF4A

 C7AF4A

FFFFFF

 AA9530

 FFE67F

 8E7B12

 FFFF9A

 726200

 FFFFB5

 584B00

 FFFFFD2

 3D3400

 FFFEE

 241F00

 020900

 000000

 C7AF4A

 C7AF4A

 C7AB36

 C7B35E

 C7A722

 C7B772

 C7A40E

 C7BA86

 C7A100

 C7BE9A

 C7C2AE

 C7C6C1

 C7CAD5

 C7CEE9

 C7D1FD

# Harmonies

## Analogous

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



EF9D58



C7AF4A



94BD5B

# Triad

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



C7AF4A



00C7E4



F18EDD

# Complementary

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



C7AF4A



4A62C7

# 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.



BAA1FF



C7AF4A



00C0FF

# Square

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



C7AF4A



00C8B4



61B3FF



FF86AC

# Rectangle

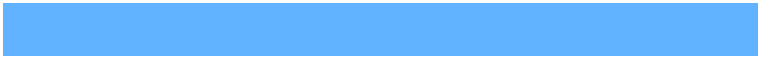
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C7AF4A



6BC373



61B3FF



E294EB



# Sweetspot

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



C7AF4A



FFF6CF



C74A63



807A62



000000



808080



# Same Dimension

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



C7AF4A



FFDA40



A2C74A



63625A



A38400



241D00



# Inverse Universe

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



4A62C7



4064FF



704AC7



5A5B63



001FA3



000724



# Previews

## White Background



This preview shows how the Hex color C7AF4A looks on a white background.

## Color Contrast Check

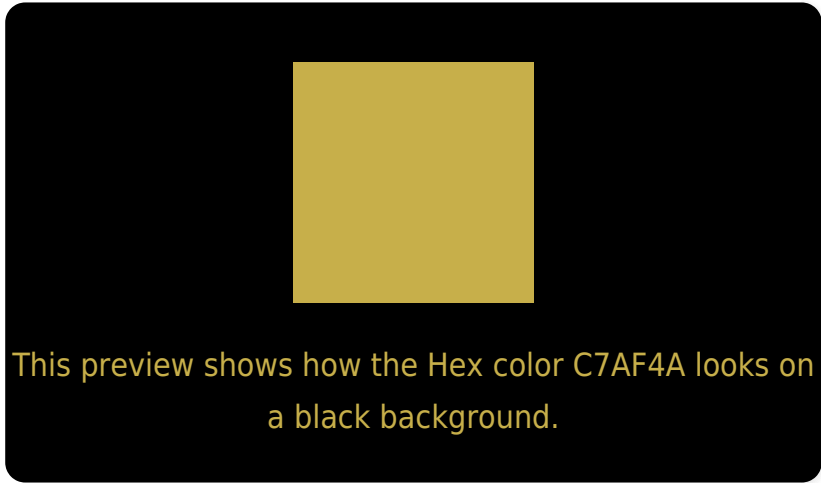
Large Text (above 18pt) WCAG AA × Fail

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 C7AF4A Background



This preview shows how black text looks on a background with the Hex color C7AF4A.

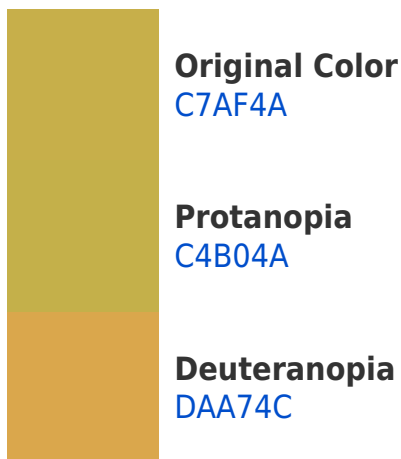


This preview shows how white text looks on a background with the Hex color C7AF4A.

# 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](#).

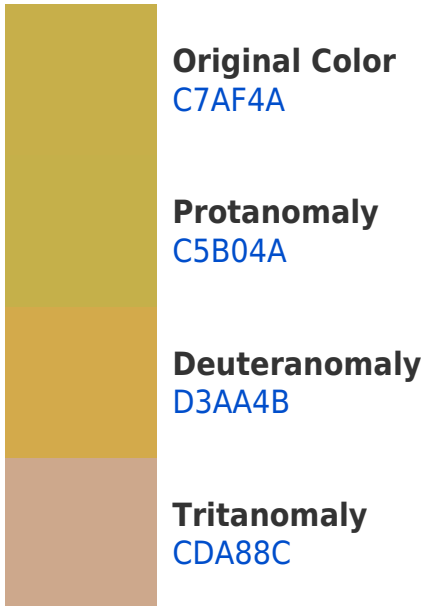
## Dichromacy



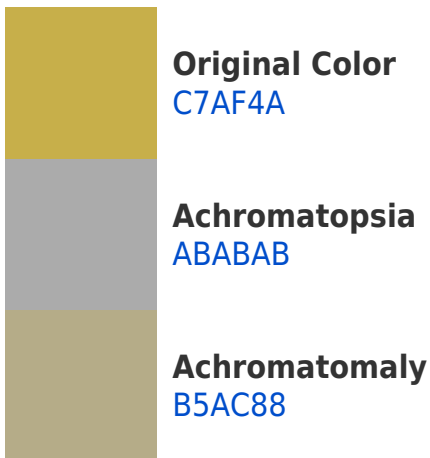


**Tritanopia**  
D0A4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C7AF4A 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 #C7AF4A looks like.

```
.text, #text, p{  
    color:#C7AF4A  
}
```

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 #C7AF4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7AF4A
}
```

## Border

The CSS property to change the border of an element to Hex C7AF4A 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
#C7AF4A }
```

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

```
.border{ border-color:#C7AF4A }
```

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

Here you see how a box with a 4 pixel #C7AF4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7AF4A; -webkit-box-shadow:4px 4px  
4px 4px #C7AF4A; box-shadow:4px 4px 4px  
4px #C7AF4A }
```

# Background

The CSS property to change the background color of an element to Hex C7AF4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7AF4A }
```

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

```
.background{ background-color:#C7AF4A }
```

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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