

# Converting Colors

Hex(C7AC6A)

Have a look what the booklet for  
Hex(C7AC6A) contains.

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# **Color**

**Hex(C7AC6A)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | C7AC6A                      |
| RGB         | 199, 172, 106               |
| RGB Percent | 78%, 67%, 42%               |
| CMY         | 0.2196, 0.3255, 0.5843      |
| CMYK        | 0.00, 0.14, 0.47, 0.22      |
| HSL         | 43°, 45%, 60%               |
| HSV         | 43°, 47%, 78%               |
| XYZ         | 40.9072, 42.6878, 19.7192   |
| YIQ         | 172.5490, 37.2780, -14.8020 |

# Conversions

## Conversions Part 2

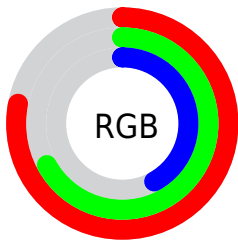
| Format                              | Color                                           |
|-------------------------------------|-------------------------------------------------|
| <a href="#">RYB</a>                 | <a href="#">144, 199, 106</a>                   |
| Decimal                             | <a href="#">13085802</a>                        |
| CIELab                              | <a href="#">71.34, 1.03, 37.44</a>              |
| CIElCh                              | <a href="#">71, 37.450, 88.425</a>              |
| Yxy                                 | <a href="#">42.6878, 0.3959,<br/>0.4132</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4291275882<br/>(0xFFC7AC6A)</a>     |
| YUV                                 | <a href="#">172.5490, -32.8087,<br/>23.1975</a> |
| Hunter-Lab                          | <a href="#">65.3359, -2.5777,<br/>27.8406</a>   |

# Details

The Hex color **C7AC6A** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6A85C7**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFE39E**, and **8F7839** is the 20% darker color. If you saturate the color by 10%, you get **C7A656**, and if you desaturate by 10%, it is **C7B27E**.

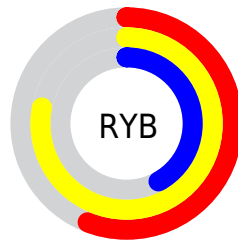
# Distribution



Red (78%)

Green (67%)

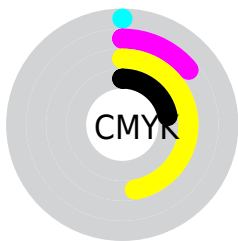
Blue (42%)



Red (56%)

Yellow (78%)

Blue (42%)

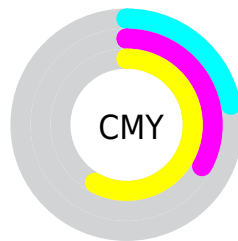


Cyan (0%)

Magenta (14%)

Yellow (47%)

Black (22%)



Cyan (22%)

Magenta (33%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C7AC6A 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 C7AC6A by changing the saturation by 10% instead.



 C7AC6A

FFFFFF

 FFE39E

 FFFFBA

 FFFFFD6

 FFFFFF2

 C7AC6A

 C7AC6A

 AB9251

 8F7839

 745F21

 5A4807

 413100

 281D00

 0A0400

 000000

 C7AC6A

 C7A656

 C7B27E

 C7A042

 C7B892

 C79B2E

 C7BDA6

 C7951A

 C7C3BA

 C78F07

 C7C9CE

 C78D00

 C7CFE1

 C7D4F5

 C7DAFF

 C7E0FF

# Harmonies

## Analogous

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



E2A076



C7AC6A



A4B672

# Triad

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



C7AC6A



25C0CE



D89BD3

# Complementary

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



C7AC6A



6A85C7

# 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.



**B0A7EB**



**C7AC6A**



**40BCE8**

# Square

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



C7AC6A



4EC1AC



7BB3F2



EE94B2

# Rectangle

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



C7AC6A



89BC80



7BB3F2



CD9EDC



# Sweetspot

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



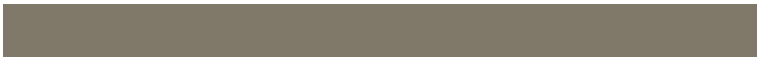
C7AC6A



FFF5DB



C76A86



80796A



000000



808080



# Same Dimension

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



C7AC6A



FFD670



B4C76A



63615A



A37400



241900



# Inverse Universe

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



6A85C7



709AFF



7D6AC7



5A5C63



002FA3



000A24



# Previews

## White Background



This preview shows how the Hex color C7AC6A looks on a white background.

## Color Contrast Check

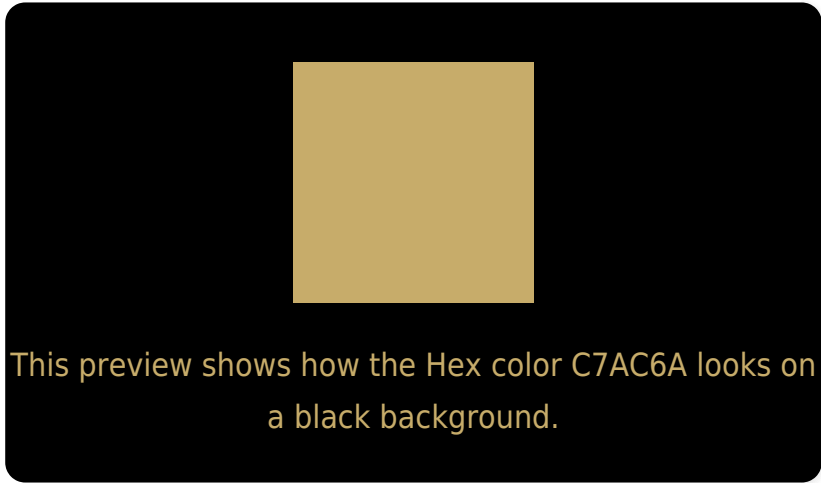
Large Text (above 18pt) WCAG AA × Fail

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 C7AC6A Background



This preview shows how black text looks on a background with the Hex color C7AC6A.



This preview shows how white text looks on a background with the Hex color C7AC6A.

# 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**  
C7AC6A

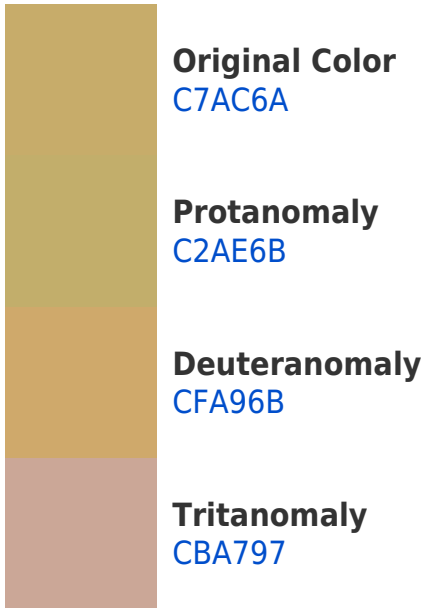
**Protanopia**  
BFAF6B

**Deuteranopia**  
D4A76B

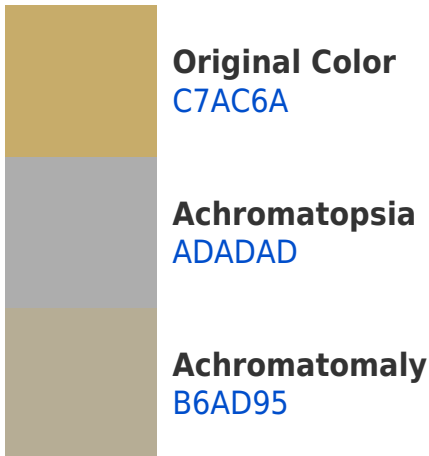


**Tritanopia**  
CEA4B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C7AC6A 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 #C7AC6A looks like.

```
.text, #text, p{  
    color:#C7AC6A  
}
```

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 #C7AC6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7AC6A
}
```

## Border

The CSS property to change the border of an element to Hex C7AC6A 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
#C7AC6A }
```

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

```
.border{ border-color:#C7AC6A }
```

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

Here you see how a box with a 4 pixel #C7AC6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7AC6A; -webkit-box-shadow:4px 4px  
4px 4px #C7AC6A; box-shadow:4px 4px 4px  
4px #C7AC6A }
```

# Background

The CSS property to change the background color of an element to Hex C7AC6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7AC6A }
```

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

```
.background{ background-color:#C7AC6A }
```

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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