

# Converting Colors

Hex(C7A16A)

Have a look what the booklet for  
Hex(C7A16A) contains.

<b>Hex(C7A16A)</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(C7A16A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7A16A
RGB	199, 161, 106
RGB Percent	78%, 63%, 42%
CMY	0.2196, 0.3686, 0.5843
CMYK	0.00, 0.19, 0.47, 0.22
HSL	35°, 45%, 60%
HSV	35°, 47%, 78%
XYZ	38.8996, 38.6725, 19.0500
YIQ	166.0920, 40.3030, -9.0490

# Conversions

## Conversions Part 2

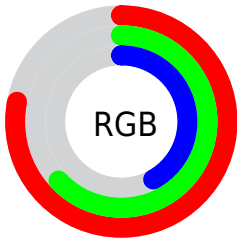
<b>Format</b>	<b>Color</b>
<b>RYB</b>	170, 199, 106
Decimal	13082986
CIELab	68.51, 6.94, 33.85
CIElCh	69, 34.558, 78.407
Yxy	38.6725, 0.4026, 0.4002
Android (android.graphics.Color)	4291273066 (0xFFC7A16A)
YUV	166.0920, -29.6254, 28.8603
Hunter-Lab	62.1872, 2.8285, 25.3686

# Details

The Hex color **C7A16A** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6A90C7**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFD89E**, and **8F6E39** is the 20% darker color. If you saturate the color by 10%, you get **C79956**, and if you desaturate by 10%, it is **C7A97E**.

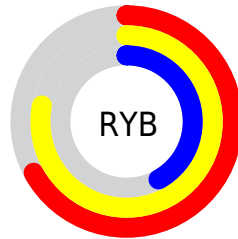
# Distribution



Red (78%)

Green (63%)

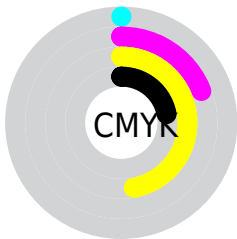
Blue (42%)



Red (67%)

Yellow (78%)

Blue (42%)

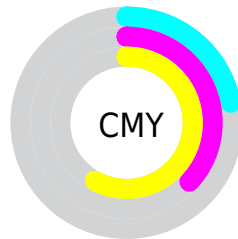


Cyan (0%)

Magenta (19%)

Yellow (47%)

Black (22%)



Cyan (22%)

Magenta (37%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C7A16A 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 C7A16A by changing the saturation by 10% instead.



 C7A16A

 C7A16A

FFFFFF

 AB8751

 FFD89E

 8F6E39

 FFF4B9

 745522

 FFFFFD5

 5A3E0A

 FFFFF2

 412800

 271400

 010000

 000000

 C7A16A

 C7A16A

 C79956

 C7A97E

 C79142

 C7B192

 C7892E

 C7B9A6

 C7801A

 C7C2BA

 C77807

 C7CACE

 C77600

 C7D2E1

 C7DAF5

 C7E2FF

 C7EAF5

# Harmonies

## Analogous

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



DC977A



C7A16A



A9AB6B

# Triad

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



C7A16A



3AB8BA



C398D1

# Complementary

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



C7A16A



6A90C7

# 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.



9AA3E2



C7A16A



3AB5D5

# Square

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



C7A16A



5EB799



67AEE4



DC90B5

# Rectangle

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



C7A16A



91B175



67AEE4



B69CD8



# Sweetspot

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



C7A16A



FFF0DB



C76A91



80776A



000000



808080



# Same Dimension

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



C7A16A



FFC570



BFC76A



635F5A



A36100



241500

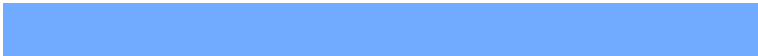


# Inverse Universe

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



6A90C7



70ABFF



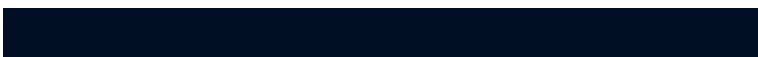
726AC7



5A5E63



0043A3

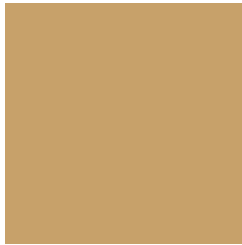


000F24



# Previews

## White Background



This preview shows how the Hex color C7A16A looks on a white background.

## Color Contrast Check

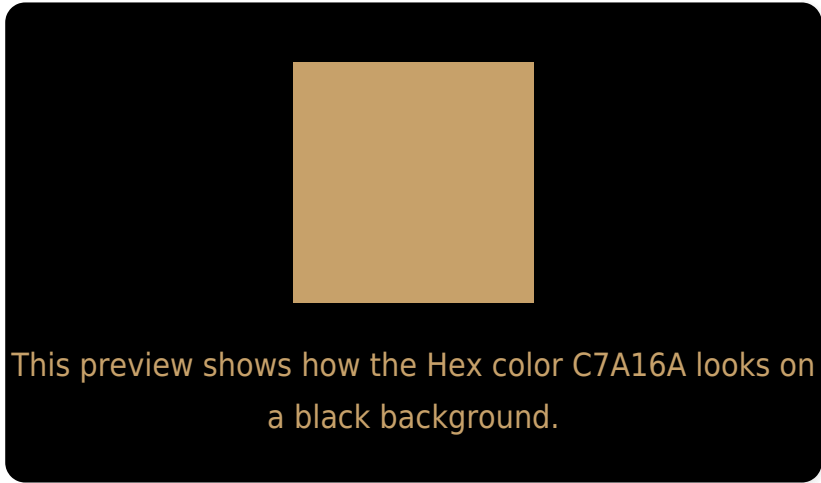
Large Text (above 18pt) WCAG AA × Fail

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 C7A16A Background



This preview shows how black text looks on a background with the Hex color C7A16A.

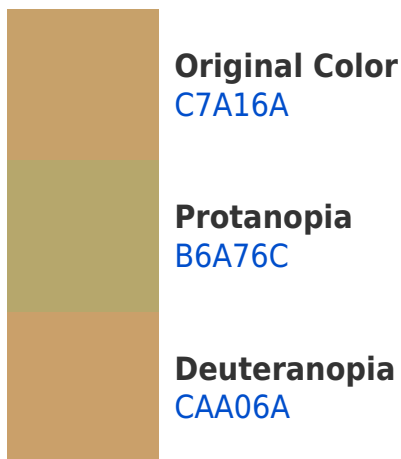



This preview shows how white text looks on a background with the Hex color C7A16A.

# 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](#).

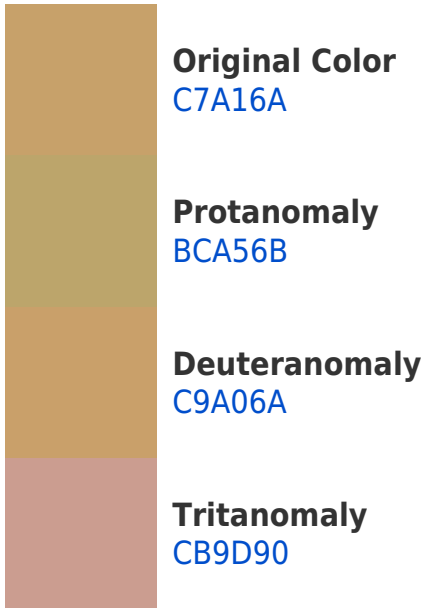
## Dichromacy





**Tritanopia**  
CD9AA5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C7A16A 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 #C7A16A looks like.

```
.text, #text, p{  
    color:#C7A16A  
}
```

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 #C7A16A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7A16A
}
```

## Border

The CSS property to change the border of an element to Hex C7A16A 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
#C7A16A }
```

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

```
.border{ border-color:#C7A16A }
```

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

Here you see how a box with a 4 pixel #C7A16A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7A16A; -webkit-box-shadow:4px 4px  
4px 4px #C7A16A; box-shadow:4px 4px 4px  
4px #C7A16A }
```

# Background

The CSS property to change the background color of an element to Hex C7A16A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7A16A }
```

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

```
.background{ background-color:#C7A16A }
```

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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