

# Converting Colors

Hex(C7A819)

Have a look what the booklet for  
Hex(C7A819) contains.

<b>Hex(C7A819)</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(C7A819)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7A819
RGB	199, 168, 25
RGB Percent	78%, 66%, 10%
CMY	0.2196, 0.3412, 0.9020
CMYK	0.00, 0.16, 0.87, 0.22
HSL	49°, 78%, 44%
HSV	49°, 87%, 78%
XYZ	37.7313, 40.2176, 6.6938
YIQ	160.9670, 64.3790, -37.9010

# Conversions

## Conversions Part 2

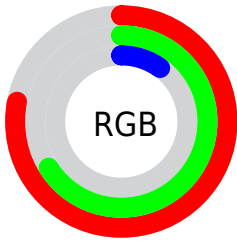
Format	Color
R <sub>Y</sub> B	63, 199, 25
Decimal	13084697
CIE Lab	69.62, -1.60, 68.69
CIE LCh	70, 68.712, 91.332
Yxy	40.2176, 0.4458, 0.4751
Android (android.graphics.Color)	4291274777 (0xFFC7A819)
YUV	160.9670, -67.0317, 33.3549
Hunter-Lab	63.4173, -4.7785, 38.1340

# Details

The Hex color **C7A819** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **1938C7**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFDF57**, and **8C7400** is the 20% darker color. If you saturate the color by 10%, you get **C7A405**, and if you desaturate by 10%, it is **C7AC2D**.

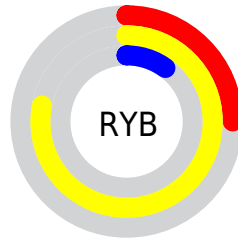
# Distribution



Red (78%)

Green (66%)

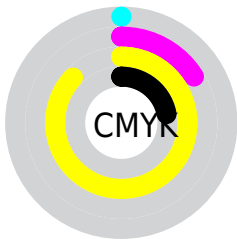
Blue (10%)



Red (25%)

Yellow (78%)

Blue (10%)

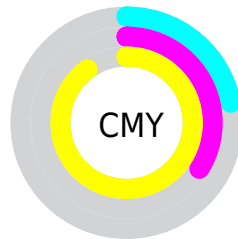


Cyan (0%)

Magenta (16%)

Yellow (87%)

Black (22%)



Cyan (22%)

Magenta (34%)

Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C7A819 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 C7A819 by changing the saturation by 10% instead.



 C7A819

 C7A819

FFFFFF

 A98E00

 FFDF57

 8C7400

 FFFB73

 705C00

 FFFF8F

 544500

 FFFFAB

 3A2F00

 FFFFC7

 211B00

 FFFFE4

 000000

 C7A819

 C7A819

 C7A405

 C7AC2D

■ C7A400

■ C7AF41

■ C7B355

■ C7B669

■ C7BA7D

■ C7BD90

■ C7C1A4

■ C7C4B8

■ C7C8CC

# Harmonies

## Analogous

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



F89039



C7A819



88B934

# Triad

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



C7A819



00C7E9



F77DE7

# Complementary

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



C7A819



1938C7

# 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.



AD98FF



C7A819



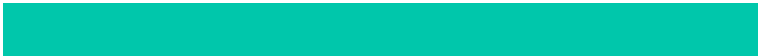
00C0FF

# Square

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



C7A819



00C7AB



00B0FF



FF6DAA

# Rectangle

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



C7A819



4EC057



00B0FF



E486F9



# Sweetspot

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



C7A819



FFF3BD



C71939



807858



000000



808080



# Same Dimension

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



C7A819



FFD200



90C719



63625A



A38600



241D00



# Inverse Universe

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



1938C7



002DFF



5019C7



5A5B63



001DA3

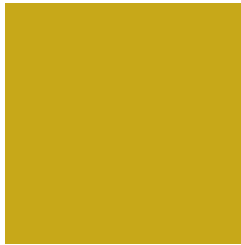


000624



# Previews

## White Background



This preview shows how the Hex color C7A819 looks on a white background.

## Color Contrast Check

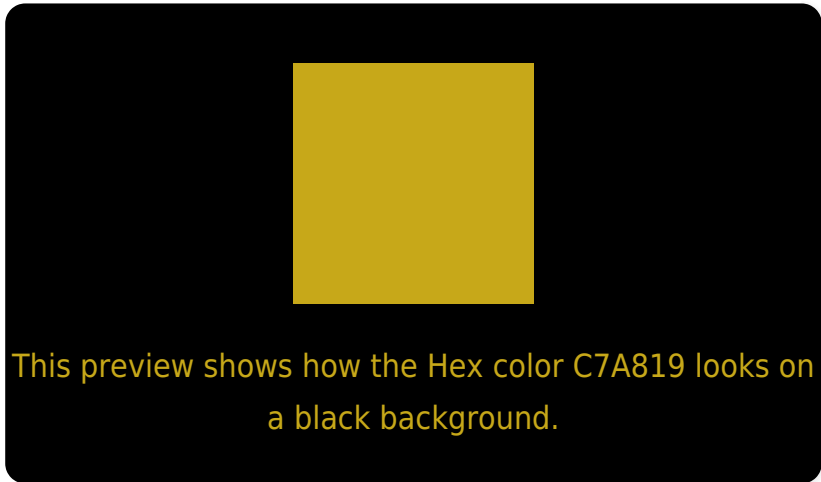
Large Text (above 18pt) WCAG AA × Fail

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 C7A819 Background



This preview shows how black text looks on a background with the Hex color C7A819.



This preview shows how white text looks on a background with the Hex color C7A819.

# 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**  
C7A819

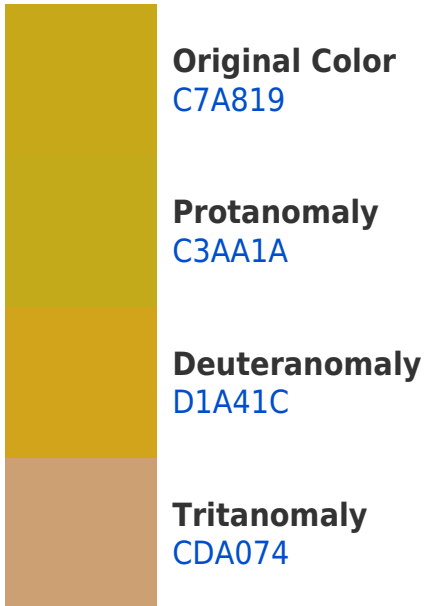
**Protanopia**  
C0AB1A

**Deuteranopia**  
D7A11E

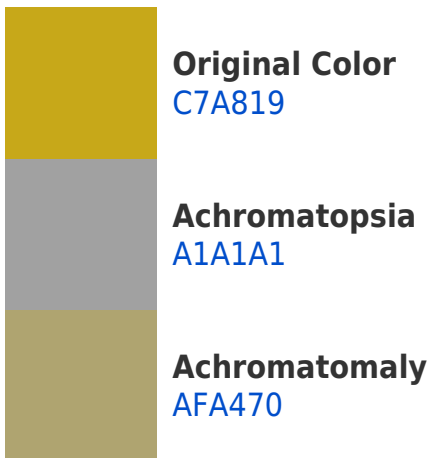


**Tritanopia**  
D09CA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C7A819 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 #C7A819 looks like.

```
.text, #text, p{  
    color:#C7A819  
}
```

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 #C7A819 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7A819
}
```

## Border

The CSS property to change the border of an element to Hex C7A819 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
#C7A819 }
```

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

```
.border{ border-color:#C7A819 }
```

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

Here you see how a box with a 4 pixel #C7A819 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7A819; -webkit-box-shadow:4px 4px  
4px 4px #C7A819; box-shadow:4px 4px 4px  
4px #C7A819 }
```

# Background

The CSS property to change the background color of an element to Hex C7A819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7A819 }
```

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

```
.background{ background-color:#C7A819 }
```

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