

# Converting Colors

Hex(C7AD12)

Have a look what the booklet for  
Hex(C7AD12) contains.

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# **Color**

**Hex(C7AD12)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7AD12
RGB	199, 173, 18
RGB Percent	78%, 68%, 7%
CMY	0.2196, 0.3216, 0.9294
CMYK	0.00, 0.13, 0.91, 0.22
HSL	51°, 83%, 43%
HSV	51°, 91%, 78%
XYZ	38.6059, 42.0729, 6.6584
YIQ	163.1040, 65.2510, -42.6930

# Conversions

## Conversions Part 2

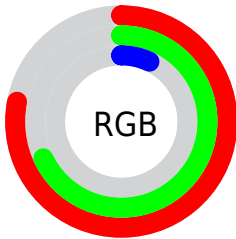
Format	Color
R <sub>Y</sub> B	48, 199, 18
Decimal	13085970
CIE Lab	70.92, -4.37, 71.07
CIE LCh	71, 71.203, 93.519
Yxy	42.0729, 0.4420, 0.4817
Android (android.graphics.Color)	4291276050 (0xFFC7AD12)
YUV	163.1040, -71.5363, 31.4808
Hunter-Lab	64.8636, -7.2707, 39.3183

# Details

The Hex color **C7AD12** 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 **122CC7**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **FFE454**, and **8C7900** is the 20% darker color. If you saturate the color by 10%, you get **C7AA00**, and if you desaturate by 10%, it is **C7B026**.

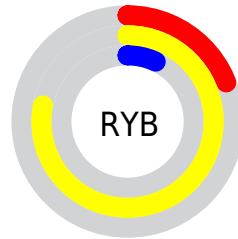
# Distribution



Red (78%)

Green (68%)

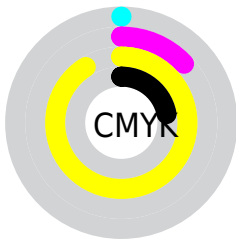
Blue (7%)



Red (19%)

Yellow (78%)

Blue (7%)

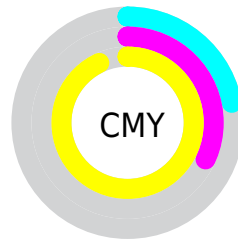


Cyan (0%)

Magenta (13%)

Yellow (91%)

Black (22%)



Cyan (22%)

Magenta (32%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C7AD12 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 C7AD12 by changing the saturation by 10% instead.



 C7AD12

 C7AD12

FFFFFF

 A99300

 FFE454

 8C7900

 FFFF71

 706100

 FFFF8D

 544900

 FFFFA9

 3A3300

 FFFFC6

 211E00

 FFFFE3

 000600

 000000

 C7AD12

 C7AD12

 C7AA00

 C7B026

 C7B33A

 C7B64E

 C7B862

 C7BB76

 C7BE89

 C7C19D

 C7C4B1

 C7C7C5

# Harmonies

## Analogous

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



FB9434



C7AD12



84BE36

# Triad

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



C7AD12



00CBF4



FF7CE9

# Complementary

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



C7AD12



122CC7

# 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.



B899FF



C7AD12



00C3FF

# Square

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



C7AD12



00CCB4



00B3FF



FF6DA9

# Rectangle

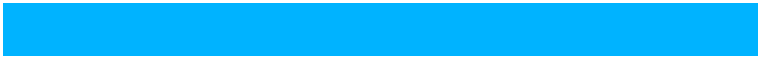
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C7AD12



43C55C



00B3FF



EE85FC



# Sweetspot

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



C7AD12



FFF5BA



C7122D



807A57



000000



808080



# Same Dimension

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



C7AD12



FFDA00



88C712



63625A



A38C00



241F00



# Inverse Universe

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



122CC7



0025FF



5112C7



5A5B63



0017A3



000524



# Previews

## White Background



This preview shows how the Hex color C7AD12 looks on a white background.

## Color Contrast Check

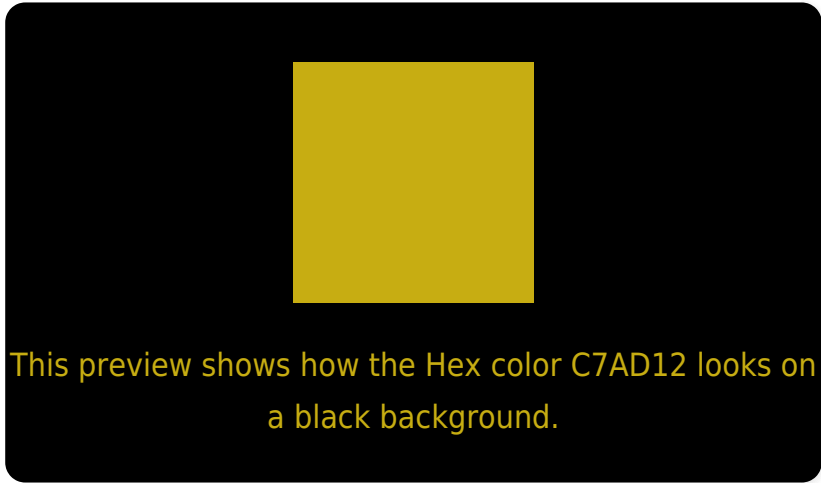
Large Text (above 18pt) WCAG AA × Fail

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 C7AD12 Background



This preview shows how black text looks on a background with the Hex color C7AD12.



This preview shows how white text looks on a background with the Hex color C7AD12.

# 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**  
C7AD12

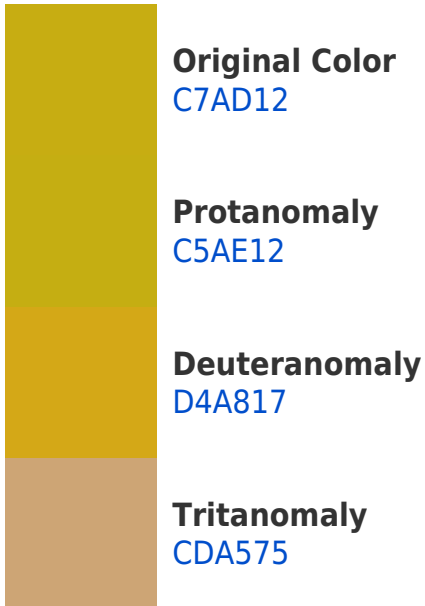
**Protanopia**  
C4AE12

**Deuteranopia**  
DBA51A

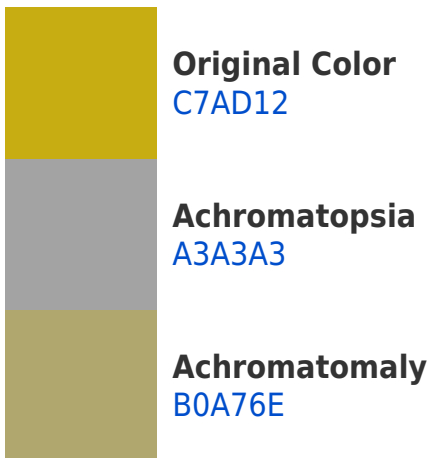


**Tritanopia**  
D1A1AD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C7AD12 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 #C7AD12 looks like.

```
.text, #text, p{  
    color:#C7AD12  
}
```

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 #C7AD12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7AD12
}
```

## Border

The CSS property to change the border of an element to Hex C7AD12 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
#C7AD12 }
```

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

```
.border{ border-color:#C7AD12 }
```

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

Here you see how a box with a 4 pixel #C7AD12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7AD12; -webkit-box-shadow:4px 4px  
4px 4px #C7AD12; box-shadow:4px 4px 4px  
4px #C7AD12 }
```

# Background

The CSS property to change the background color of an element to Hex C7AD12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7AD12 }
```

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

```
.background{ background-color:#C7AD12 }
```

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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