

Converting Colors

Hex(C7B012)

Have a look what the booklet for
Hex(C7B012) contains.

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Color

Hex(C7B012)

Conversions

Conversions Part 1

Format	Color
Hex	C7B012
RGB	199, 176, 18
RGB Percent	78%, 69%, 7%
CMY	0.2196, 0.3098, 0.9294
CMYK	0.00, 0.12, 0.91, 0.22
HSL	52°, 83%, 43%
HSV	52°, 91%, 78%
XYZ	39.1877, 43.2365, 6.8523
YIQ	164.8650, 64.4260, -44.2620

Conversions

Conversions Part 2

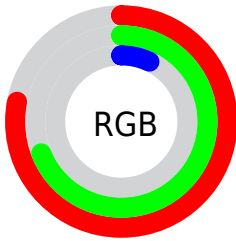
Format	Color
RYB	44, 199, 18
Decimal	13086738
CIELab	71.72, -5.94, 71.68
CIELCh	72, 71.926, 94.739
Yxy	43.2365, 0.4389, 0.4843
Android (android.graphics.Color)	4291276818 (0xFFC7B012)
YUV	164.8650, -72.4044, 29.9364
Hunter-Lab	65.7544, -8.6895, 39.8494

Details

The Hex color **C7B012** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle washed orange. A complement of this color would be **1229C7**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFE755**, and **8C7C00** is the 20% darker color. If you saturate the color by 10%, you get **C7AE00**, and if you desaturate by 10%, it is **C7B326**.

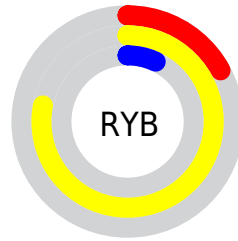
Distribution



Red (78%)

Green (69%)

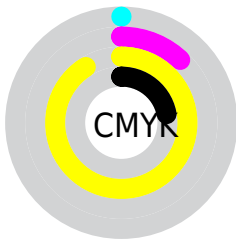
Blue (7%)



Red (17%)

Yellow (78%)

Blue (7%)

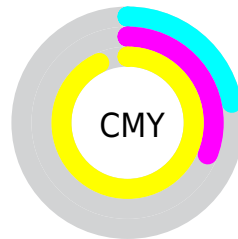


Cyan (0%)

Magenta (12%)

Yellow (91%)

Black (22%)



Cyan (22%)

Magenta (31%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color C7B012 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 C7B012 by changing the saturation by 10% instead.

 C7B012

 C7B012

FFFFFF

 A99600

 FFE755

 8C7C00

 FFFF71

 706300

 FFFF8D

 544C00

 FFFFFA

 3A3500

 FFFFC6

 212000

 FFFFE3

 000B00

 000000

 C7B012

 C7B012

 C7AE00

 C7B326

 C7B53A

 C7B84E

 C7BA62

 C7BD76

 C7BF89

 C7C29D

 C7C4B1

 C7C7C5

Harmonies

Analogous

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



FC9733



C7B012



83C139

Triad

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



C7B012



00CDF9



FF7DE9

Complementary

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



C7B012



1229C7

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.



BE9AFF



C7B012



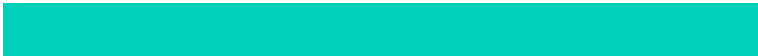
00C5FF

Square

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



C7B012



00CFB9



00B4FF



FF6FA8

Rectangle

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



C7B012



3EC85F



00B4FF



F486FC

Sweetspot

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



C7B012



FFF6BA



C7122A



807A57



000000



808080

Same Dimension

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



C7B012



FFDF00



85C712



63625A



A38E00



241F00

Inverse Universe

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



1229C7



0020FF



5412C7



5A5B63



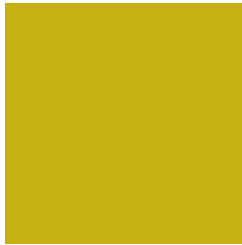
0015A3



000524

Previews

White Background



This preview shows how the Hex color C7B012 looks on a white background.

Color Contrast Check

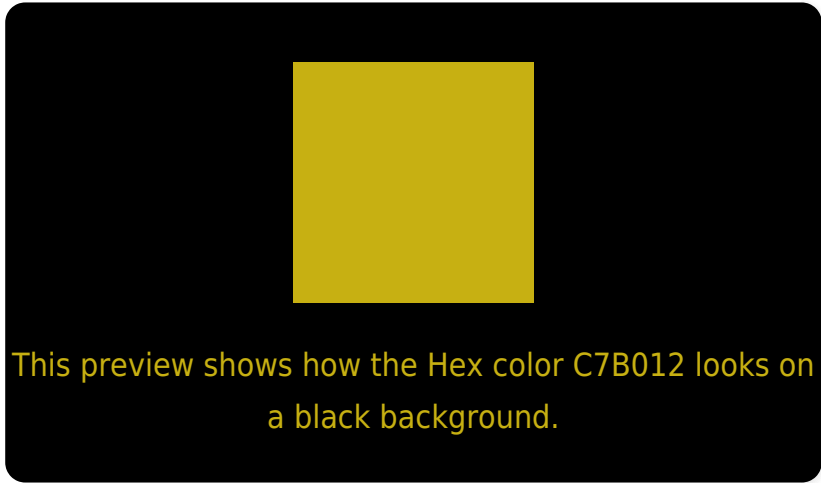
Large Text (above 18pt) WCAG AA × Fail

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 C7B012 Background



This preview shows how black text looks on a background with the Hex color C7B012.



This preview shows how white text looks on a background with the Hex color C7B012.

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
C7B012

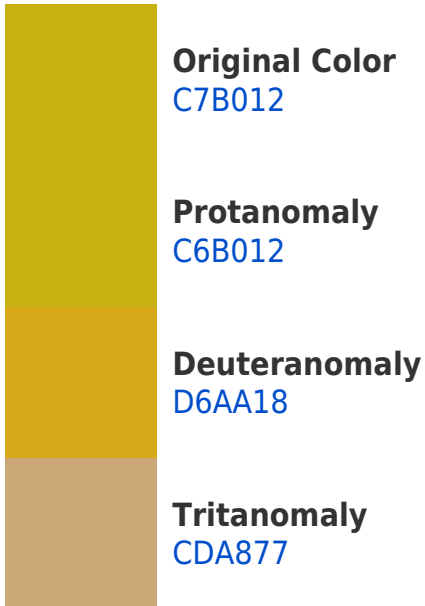
Protanopia
C6B012

Deuteranopia
DEA71B

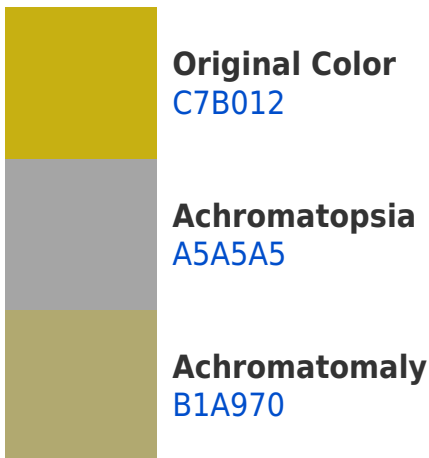


Tritanopia
D1A4B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C7B012 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 #C7B012 looks like.

```
.text, #text, p{  
    color:#C7B012  
}
```

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 #C7B012 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7B012
}
```

Border

The CSS property to change the border of an element to Hex C7B012 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
#C7B012 }
```

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

```
.border{ border-color:#C7B012 }
```

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

Here you see how a box with a 4 pixel #C7B012 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7B012; -webkit-box-shadow:4px 4px  
4px 4px #C7B012; box-shadow:4px 4px 4px  
4px #C7B012 }
```

Background

The CSS property to change the background color of an element to Hex C7B012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7B012 }
```

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

```
.background{ background-color:#C7B012 }
```

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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