

Converting Colors

Hex(C7AB1F)

Have a look what the booklet for
Hex(C7AB1F) contains.

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Color

Hex(C7AB1F)

Conversions

Conversions Part 1

Format	Color
Hex	C7AB1F
RGB	199, 171, 31
RGB Percent	78%, 67%, 12%
CMY	0.2196, 0.3294, 0.8784
CMYK	0.00, 0.14, 0.84, 0.22
HSL	50°, 73%, 45%
HSV	50°, 84%, 78%
XYZ	38.3634, 41.3669, 7.2590
YIQ	163.4120, 61.6280, -37.6040

Conversions

Conversions Part 2

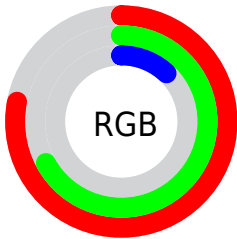
Format	Color
R _{YB}	65, 199, 31
Decimal	13085471
CIE Lab	70.43, -3.04, 67.92
CIE LCh	70, 67.993, 92.562
Yxy	41.3669, 0.4410, 0.4755
Android (android.graphics.Color)	4291275551 (0xFFC7AB1F)
YUV	163.4120, -65.2791, 31.2107
Hunter-Lab	64.3171, -6.0844, 38.3304

Details

The Hex color **C7AB1F** 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 **1F3BC7**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **FFE25B**, and **8D7700** is the 20% darker color. If you saturate the color by 10%, you get **C7A80B**, and if you desaturate by 10%, it is **C7AE33**.

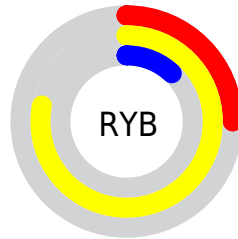
Distribution



Red (78%)

Green (67%)

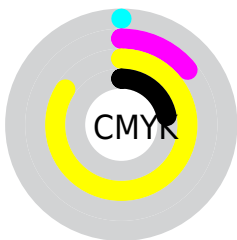
Blue (12%)



Red (25%)

Yellow (78%)

Blue (12%)

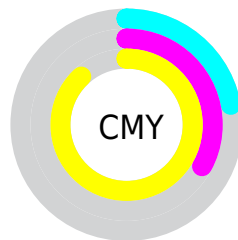


Cyan (0%)

Magenta (14%)

Yellow (84%)

Black (22%)



Cyan (22%)

Magenta (33%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color C7AB1F 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 C7AB1F by changing the saturation by 10% instead.

 C7AB1F

 C7AB1F

FFFFFF

 AA9100

 FFE25B

 8D7700

 FFFF77

 715F00

 FFFF92

 554700

 FFFFAF

 3A3100

 FFFFCB

 211D00

 FFFFEB

 000300

 000000

 C7AB1F

 C7AB1F

 C7A80B

 C7AE33

 C7A600

 C7B247

 C7B55B

 C7B86F

 C7BC83

 C7BF96

 C7C2AA

 C7C6BE

 C7C9D2

Harmonies

Analogous

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



F8943B



C7AB1F



88BC3A

Triad

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



C7AB1F



00C9ED



FB7FE6

Complementary

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



C7AB1F



1F3BC7

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.



B49AFF



C7AB1F



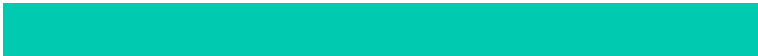
00C1FF

Square

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



C7AB1F



00CAB0



00B2FF



FF71A9

Rectangle

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



C7AB1F



4EC35D



00B2FF



E887F8

Sweetspot

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



C7AB1F



FFF4BF



C71F3B



807959



000000



808080

Same Dimension

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



C7AB1F



FFD400



8FC71F



63625A



A38800



241E00

Inverse Universe

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



1F3BC7



002BFF



571FC7



5A5B63



001BA3



000624

Previews

White Background



This preview shows how the Hex color C7AB1F looks on a white background.

Color Contrast Check

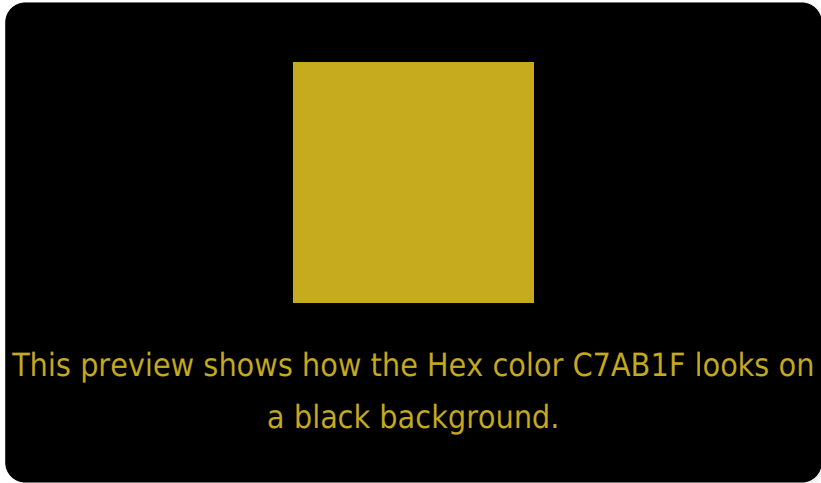
Large Text (above 18pt) WCAG AA × Fail

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 C7AB1F Background



This preview shows how black text looks on a background with the Hex color C7AB1F.



This preview shows how white text looks on a background with the Hex color C7AB1F.

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
C7AB1F

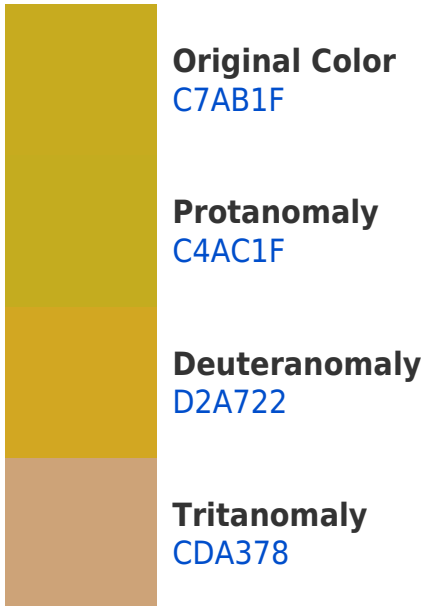
Protanopia
C2AD1F

Deuteranopia
D9A424

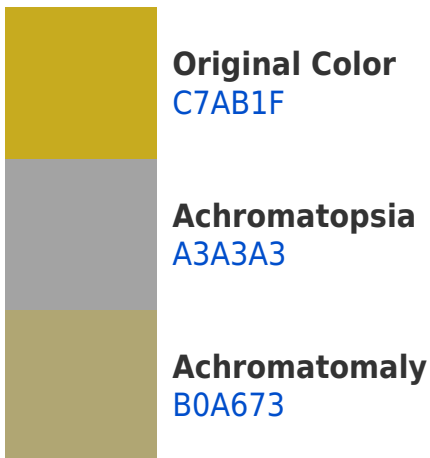


Tritanopia
D09FAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C7AB1F 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 #C7AB1F looks like.

```
.text, #text, p{  
    color:#C7AB1F  
}
```

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 #C7AB1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7AB1F
}
```

Border

The CSS property to change the border of an element to Hex C7AB1F 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
#C7AB1F }
```

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

```
.border{ border-color:#C7AB1F }
```

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

Here you see how a box with a 4 pixel #C7AB1F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7AB1F; -webkit-box-shadow:4px 4px  
4px 4px #C7AB1F; box-shadow:4px 4px 4px  
4px #C7AB1F }
```

Background

The CSS property to change the background color of an element to Hex C7AB1F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7AB1F }
```

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

```
.background{ background-color:#C7AB1F }
```

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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