

Converting Colors

Hex(C7AB2F)

Have a look what the booklet for
Hex(C7AB2F) contains.

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Color

Hex(C7AB2F)

Conversions

Conversions Part 1

Format	Color
Hex	C7AB2F
RGB	199, 171, 47
RGB Percent	78%, 67%, 18%
CMY	0.2196, 0.3294, 0.8157
CMYK	0.00, 0.14, 0.76, 0.22
HSL	49°, 62%, 48%
HSV	49°, 76%, 78%
XYZ	38.6292, 41.4732, 8.6585
YIQ	165.2360, 56.4920, -32.6280

Conversions

Conversions Part 2

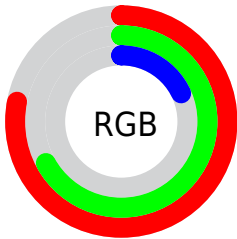
Format	Color
RYB	81, 199, 47
Decimal	13085487
CIELab	70.51, -2.51, 63.14
CIElCh	71, 63.193, 92.274
Yxy	41.4732, 0.4352, 0.4672
Android (android.graphics.Color)	4291275567 (0xFFC7AB2F)
YUV	165.2360, -58.2903, 29.6110
Hunter-Lab	64.3997, -5.6288, 37.1083

Details

The Hex color **C7AB2F** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle muted orange. A complement of this color would be **2F4BC7**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFE266**, and **8D7700** is the 20% darker color. If you saturate the color by 10%, you get **C7A71B**, and if you desaturate by 10%, it is **C7AF43**.

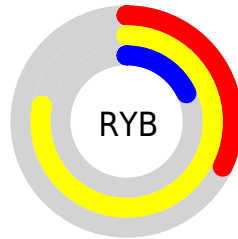
Distribution



Red (78%)

Green (67%)

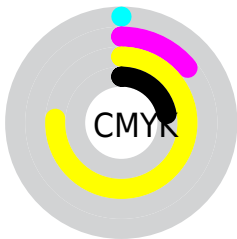
Blue (18%)



Red (32%)

Yellow (78%)

Blue (18%)

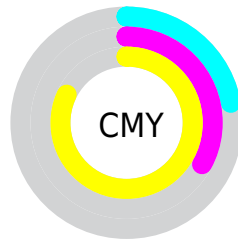


Cyan (0%)

Magenta (14%)

Yellow (76%)

Black (22%)



Cyan (22%)

Magenta (33%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color C7AB2F 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 C7AB2F by changing the saturation by 10% instead.



C7AB2F



C7AB2F

FFFFFF



AA910A



FFE266



8D7700



FFFF82



715F00



FFFF9D



564700



FFFFB9



3B3100



FFFFD6



221D00



FFFFF3



000300



000000



C7AB2F



C7AB2F

 C7A71B

 C7AF43

 C7A407

 C7B257

 C7A200

 C7B66B

 C7BA7F

 C7BD93

 C7C1A6

 C7C5BA

 C7C8CE

 C7CCE2

Harmonies

Analogous

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



F59645



C7AB2F



8CBB44

Triad

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



C7AB2F



00C7E8



F684E3

Complementary

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



C7AB2F



2F4BC7

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.



B49BFF



C7AB2F



00C0FF

Square

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



C7AB2F



00C8AF



23B1FF



FF77AA

Rectangle

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



C7AB2F



59C263



23B1FF



E48BF4

Sweetspot

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



C7AB2F



FFF4C4



C72F4D



80795C



000000



808080

Same Dimension

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



C7AB2F



FFD414



99C72F



63625A



A38500



241D00

Inverse Universe

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



2F4BC7



1440FF



5D2FC7



5A5B63



001EA3



000724

Previews

White Background



This preview shows how the Hex color C7AB2F looks on a white background.

Color Contrast Check

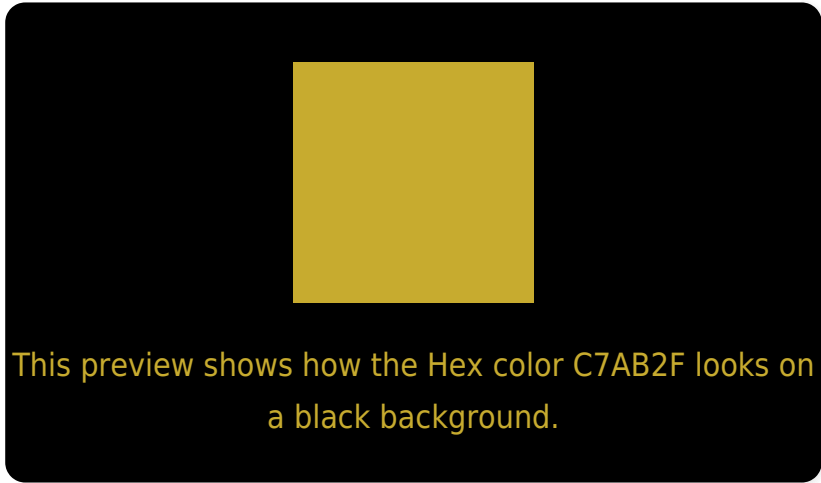
Large Text (above 18pt) WCAG AA × Fail

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 C7AB2F Background



This preview shows how black text looks on a background with the Hex color C7AB2F.



This preview shows how white text looks on a background with the Hex color C7AB2F.

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

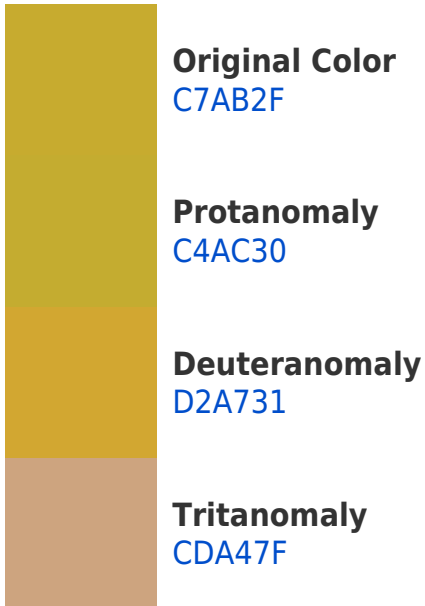


Original Color
C7AB2F

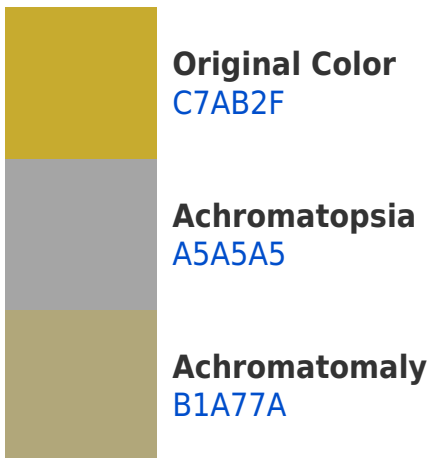
Protanopia
C2AD30

Deuteranopia
D8A432

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C7AB2F 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 #C7AB2F looks like.

```
.text, #text, p{  
    color:#C7AB2F  
}
```

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 #C7AB2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7AB2F
}
```

Border

The CSS property to change the border of an element to Hex C7AB2F 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
#C7AB2F }
```

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

```
.border{ border-color:#C7AB2F }
```

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

Here you see how a box with a 4 pixel #C7AB2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7AB2F; -webkit-box-shadow:4px 4px  
4px 4px #C7AB2F; box-shadow:4px 4px 4px  
4px #C7AB2F }
```

Background

The CSS property to change the background color of an element to Hex C7AB2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7AB2F }
```

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

```
.background{ background-color:#C7AB2F }
```

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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