

Converting Colors

Hex(C7B81B)

Have a look what the booklet for
Hex(C7B81B) contains.

Hex(C7B81B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C7B81B)

Conversions

Conversions Part 1

Format	Color
Hex	C7B81B
RGB	199, 184, 27
RGB Percent	78%, 72%, 11%
CMY	0.2196, 0.2784, 0.8941
CMYK	0.00, 0.08, 0.86, 0.22
HSL	55°, 76%, 44%
HSV	55°, 86%, 78%
XYZ	40.8915, 46.5022, 7.8575
YIQ	170.5870, 59.3370, -45.6470

Conversions

Conversions Part 2

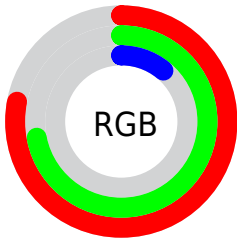
Format	Color
RYB	43, 199, 27
Decimal	13088795
CIELab	73.87, -9.91, 71.68
CIELCh	74, 72.364, 97.874
Yxy	46.5022, 0.4293, 0.4882
Android (android.graphics.Color)	4291278875 (0xFFC7B81B)
YUV	170.5870, -70.7884, 24.9182
Hunter-Lab	68.1925, -12.2998, 40.9031

Details

The Hex color **C7B81B** 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 **1B2AC7**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFF05B**, and **8D8300** is the 20% darker color. If you saturate the color by 10%, you get **C7B607**, and if you desaturate by 10%, it is **C7BA2F**.

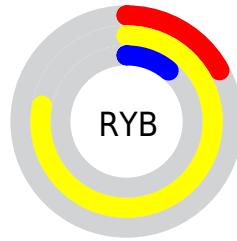
Distribution



Red (78%)

Green (72%)

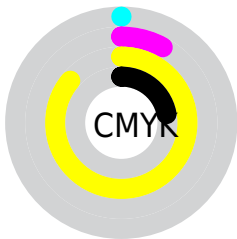
Blue (11%)



Red (17%)

Yellow (78%)

Blue (11%)

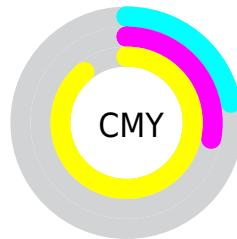


Cyan (0%)

Magenta (8%)

Yellow (86%)

Black (22%)



Cyan (22%)

Magenta (28%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color C7B81B 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 C7B81B by changing the saturation by 10% instead.

 C7B81B

 C7B81B

FFFFFF

 AA9D00

 FFF05B

 8D8300

 FFFF77

 716A00

 FFFF93

 555300

 FFFFAF

 3A3C00

 FFFFCC

 212600

 FFFFEA

 001300

 000000

 C7B81B

 C7B81B

 C7B607

 C7BA2F

 C7B600

 C7BB43

 C7BD57

 C7BF6B

 C7C17E

 C7C292

 C7C4A6

 C7C6BA

 C7C8CE

Harmonies

Analogous

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



FEA033



C7B81B



80C843

Triad

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



C7B81B



00D3FF



FF80E9

Complementary

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



C7B81B



1B2AC7

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.



CF9CFF



C7B81B



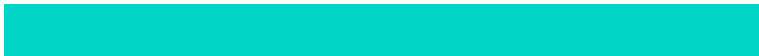
00CAFF

Square

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



C7B81B



00D5C6



39B7FF



FF75A7

Rectangle

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



C7B81B



32CF6B



39B7FF



FF88FD

Sweetspot

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



C7B81B



FFF9BD



C71B2C



807C58



000000



808080

Same Dimension

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



C7B81B



FFE900



82C71B



63635A



A39500



242100

Inverse Universe

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



1B2AC7



0016FF



601BC7



5A5A63



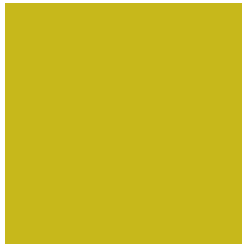
000EA3



000324

Previews

White Background



This preview shows how the Hex color C7B81B looks on a white background.

Color Contrast Check

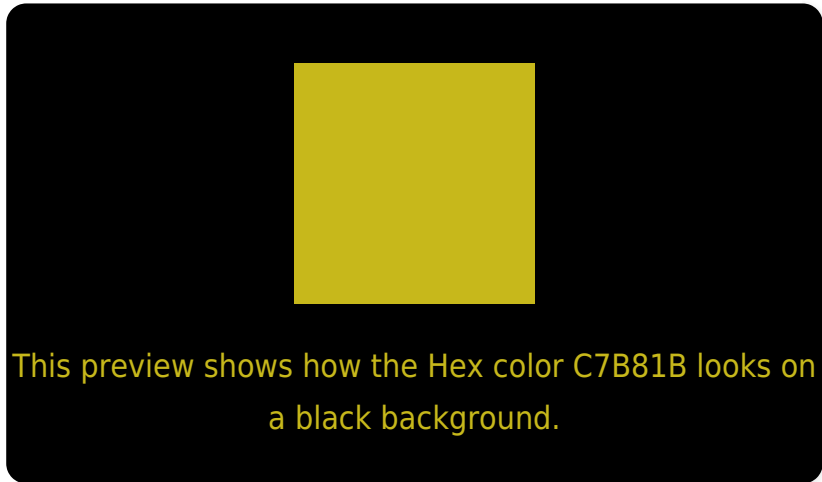
Large Text (above 18pt) WCAG AA × Fail

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 C7B81B Background



This preview shows how black text looks on a background with the Hex color C7B81B.



This preview shows how white text looks on a background with the Hex color C7B81B.

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
C7B81B

Protanopia
CDB61A

Deuteranopia
E5AC24



Tritanopia
D2ABB8

Trichromacy



Original Color
C7B81B

Protanomaly
CBB71A

Deuteranomaly
DAB021

Tritanomaly
CEB07F

Monochromacy



Original Color
C7B81B

Achromatopsia
ABABAB

Achromatomaly
B5B077

CSS Examples

Text

The CSS property to change the color of the text to Hex C7B81B 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 #C7B81B looks like.

```
.text, #text, p{  
    color:#C7B81B  
}
```

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 #C7B81B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7B81B
}
```

Border

The CSS property to change the border of an element to Hex C7B81B 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
#C7B81B }
```

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

```
.border{ border-color:#C7B81B }
```

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

Here you see how a box with a 4 pixel #C7B81B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7B81B; -webkit-box-shadow:4px 4px  
4px 4px #C7B81B; box-shadow:4px 4px 4px  
4px #C7B81B }
```

Background

The CSS property to change the background color of an element to Hex C7B81B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7B81B }
```

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

```
.background{ background-color:#C7B81B }
```

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