

Converting Colors

Hex(C7B45B)

Have a look what the booklet for
Hex(C7B45B) contains.

Hex(C7B45B)	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(C7B45B)

Conversions

Conversions Part 1

Format	Color
Hex	C7B45B
RGB	199, 180, 91
RGB Percent	78%, 71%, 36%
CMY	0.2196, 0.2941, 0.6431
CMYK	0.00, 0.10, 0.54, 0.22
HSL	49°, 49%, 57%
HSV	49°, 54%, 78%
XYZ	41.7628, 45.5400, 16.4865
YIQ	175.5350, 39.8930, -23.6510

Conversions

Conversions Part 2

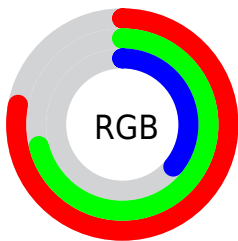
Format	Color
RYB	114, 199, 91
Decimal	13087835
CIELab	73.25, -4.56, 47.27
CIELCh	73, 47.493, 95.511
Yxy	45.5400, 0.4024, 0.4388
Android (android.graphics.Color)	4291277915 (0xFFC7B45B)
YUV	175.5350, -41.6758, 20.5788
Hunter-Lab	67.4833, -7.6291, 32.7535

Details

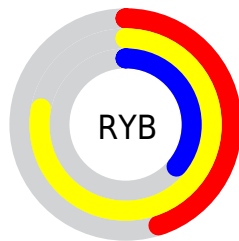
The Hex color **C7B45B** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **5B6EC7**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFEC8F**, and **8F8028** is the 20% darker color. If you saturate the color by 10%, you get **C7B047**, and if you desaturate by 10%, it is **C7B86F**.

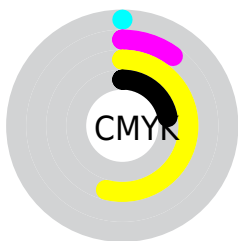
Distribution



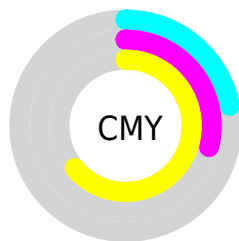
- Red (78%)
- Green (71%)
- Blue (36%)



- Red (45%)
- Yellow (78%)
- Blue (36%)



- Cyan (0%)
- Magenta (10%)
- Yellow (54%)
- Black (22%)



- Cyan (22%)
- Magenta (29%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color C7B45B 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 C7B45B by changing the saturation by 10% instead.

 C7B45B

 C7B45B

FFFFFF

 AB9942

 FFEC8F

 8F8028

 FFFFAB

 73670B

 FFFFC6

 594F00

 FFFFFE3

 3F3800

 262300

 060E00

 000000

 C7B45B

 C7B45B

 C7B047

 C7B86F

 C7AD33

 C7BB83

 C7A91F

 C7BF97

 C7A60B

 C7C2AB

 C7A400

 C7C6BF

 C7C9D2

 C7CDE6

 C7D0FA

 C7D4FF

Harmonies

Analogous

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



ECA565



C7B45B



99C06B

Triad

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



C7B45B



00C9E5



F196D9

Complementary

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



C7B45B



5B6EC7

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.



C2A5FB



C7B45B



00C2FF

Square

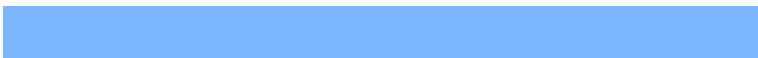
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C7B45B



00CABB



7CB6FF



FF90AD

Rectangle

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



C7B45B



75C681



7CB6FF



E49BE6

Sweetspot

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



C7B45B



FFF8D6



C75B6F



807B67



000000



808080

Same Dimension

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



C7B45B



FFE259



A5C75B



63625A



A38600



241D00

Inverse Universe

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



5B6EC7



5976FF



7D5BC7



5A5B63



001DA3



000624

Previews

White Background



This preview shows how the Hex color C7B45B looks on a white background.

Color Contrast Check

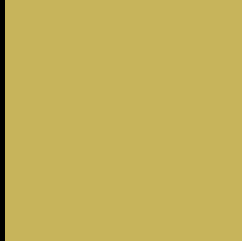
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color C7B45B looks on a 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 C7B45B Background



This preview shows how black text looks on a background with the Hex color C7B45B.

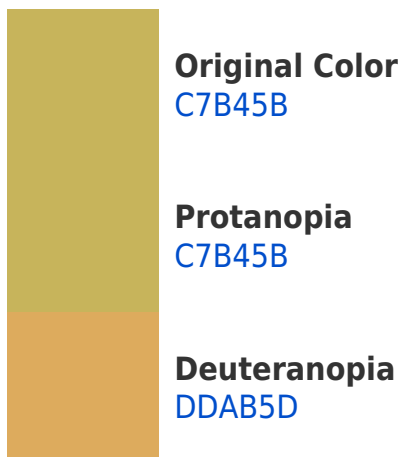


This preview shows how white text looks on a background with the Hex color C7B45B.

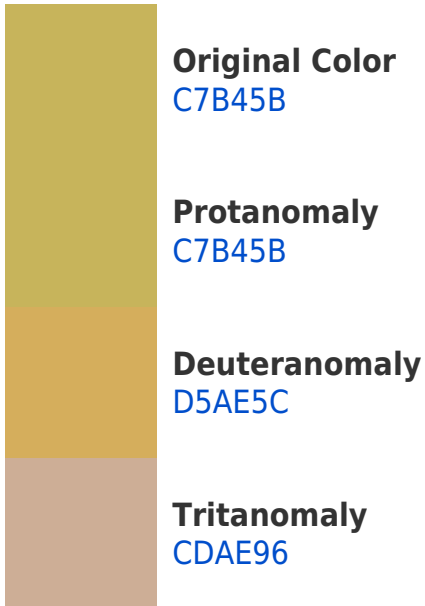
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C7B45B 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 #C7B45B looks like.

```
.text, #text, p{  
    color:#C7B45B  
}
```

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 #C7B45B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7B45B
}
```

Border

The CSS property to change the border of an element to Hex C7B45B 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
#C7B45B }
```

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

```
.border{ border-color:#C7B45B }
```

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

Here you see how a box with a 4 pixel #C7B45B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7B45B; -webkit-box-shadow:4px 4px  
4px 4px #C7B45B; box-shadow:4px 4px 4px  
4px #C7B45B }
```

Background

The CSS property to change the background color of an element to Hex C7B45B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7B45B }
```

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

```
.background{ background-color:#C7B45B }
```

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