

# Converting Colors

Hex(C7B669)

Have a look what the booklet for  
Hex(C7B669) contains.

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**Color**

**Hex(C7B669)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7B669
RGB	199, 182, 105
RGB Percent	78%, 71%, 41%
CMY	0.2196, 0.2863, 0.5882
CMYK	0.00, 0.09, 0.47, 0.22
HSL	49°, 46%, 60%
HSV	49°, 47%, 78%
XYZ	42.8309, 46.6179, 20.1053
YIQ	178.3050, 34.8490, -20.3430

# Conversions

## Conversions Part 2

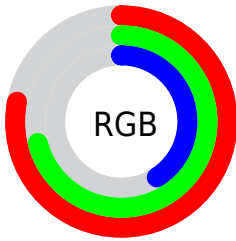
<b>Format</b>	<b>Color</b>
<b>RYB</b>	126, 199, 105
Decimal	13088361
CIELab	73.94, -4.36, 41.19
CIELCh	74, 41.419, 96.042
Yxy	46.6179, 0.3910, 0.4255
Android (android.graphics.Color)	4291278441 (0xFFC7B669)
YUV	178.3050, -36.1394, 18.1495
Hunter-Lab	68.2773, -7.5108, 30.3353

# Details

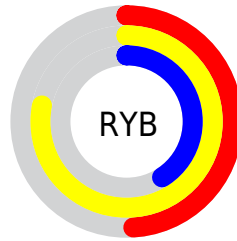
The Hex color **C7B669** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **697AC7**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFEE9E**, and **8F8137** is the 20% darker color. If you saturate the color by 10%, you get **C7B255**, and if you desaturate by 10%, it is **C7BA7D**.

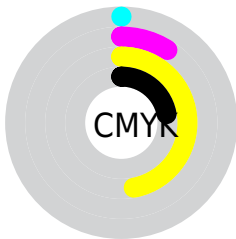
# Distribution



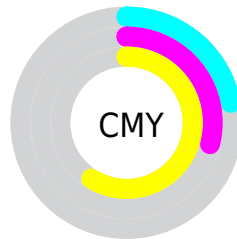
- Red (78%)
- Green (71%)
- Blue (41%)



- Red (49%)
- Yellow (78%)
- Blue (41%)



- Cyan (0%)
- Magenta (9%)
- Yellow (47%)
- Black (22%)



- Cyan (22%)
- Magenta (29%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C7B669 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 C7B669 by changing the saturation by 10% instead.





C7B669



C7B669

FFFFFF



AB9B50



FFEE9E



8F8137



FFFFB9



74681F



FFFFD5



5A5002



FFFFF2



413A00



282400



0B1000



000000



C7B669



C7B669

 C7B255

 C7BA7D

 C7AF41

 C7BD91

 C7AB2D

 C7C1A5

 C7A819

 C7C4B9

 C7A405

 C7C8CD

 C7A300

 C7CCE0

 C7CFF4

 C7D3FF

 C7D6FF

# Harmonies

## Analogous

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



E8A971



C7B669



9EC177

# Triad

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



C7B669



00C8E1



EC9DD5

# Complementary

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



C7B669



697AC7

# 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.



C4A9F3



C7B669



41C2FA

# Square

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



C7B669



33CABC



8AB7FF



FE98AF

# Rectangle

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



C7B669



80C68A



8AB7FF



E1A0E1



# Sweetspot

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



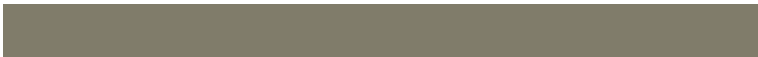
C7B669



FFF9DB



C7697A



807C6A



000000



808080



# Same Dimension

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



C7B669



FFE56E



A9C769



63625A



A38600



241D00



# Inverse Universe

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



697AC7



6E88FF



8769C7



5A5B63



001EA3

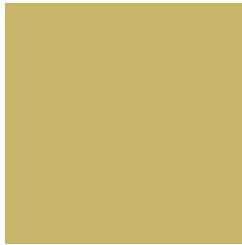


000624



# Previews

## White Background



This preview shows how the Hex color C7B669 looks on a white background.

## Color Contrast Check

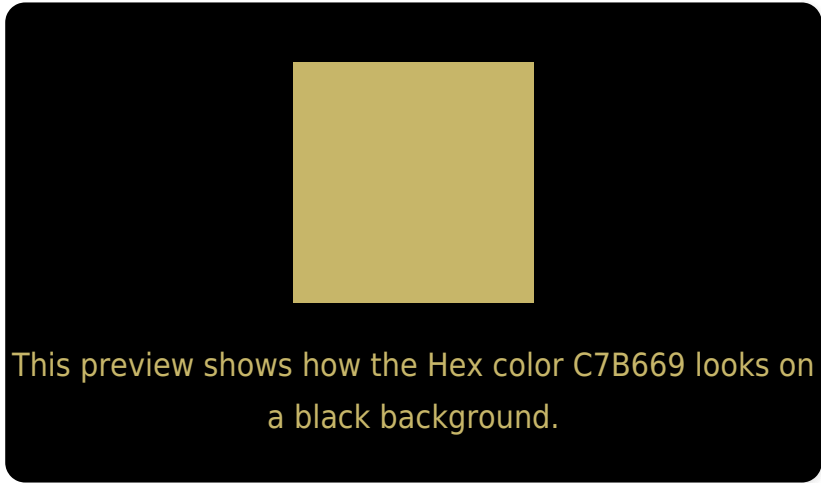
Large Text (above 18pt) WCAG AA × Fail

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

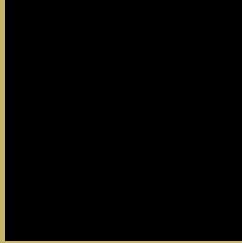
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C7B669 Background



This preview shows how black text looks on a background with the Hex color C7B669.



This preview shows how white text looks on a background with the Hex color C7B669.

# 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

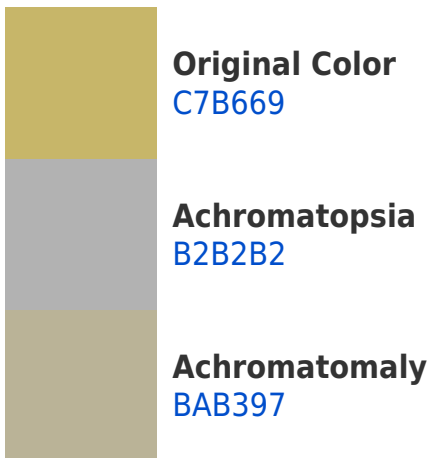




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C7B669 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 #C7B669 looks like.

```
.text, #text, p{  
    color:#C7B669  
}
```

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 #C7B669 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7B669
}
```

## Border

The CSS property to change the border of an element to Hex C7B669 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
#C7B669 }
```

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

```
.border{ border-color:#C7B669 }
```

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

Here you see how a box with a 4 pixel #C7B669 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7B669; -webkit-box-shadow:4px 4px  
4px 4px #C7B669; box-shadow:4px 4px 4px  
4px #C7B669 }
```

# Background

The CSS property to change the background color of an element to Hex C7B669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7B669 }
```

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

```
.background{ background-color:#C7B669 }
```

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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