

# Converting Colors

Hex(C7B861)

Have a look what the booklet for  
Hex(C7B861) contains.

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# **Color**

**Hex(C7B861)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7B861
RGB	199, 184, 97
RGB Percent	78%, 72%, 38%
CMY	0.2196, 0.2784, 0.6196
CMYK	0.00, 0.08, 0.51, 0.22
HSL	51°, 48%, 58%
HSV	51°, 51%, 78%
XYZ	42.8513, 47.2862, 18.1779
YIQ	178.5670, 36.8670, -23.8770

# Conversions

## Conversions Part 2

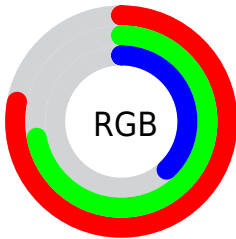
Format	Color
<a href="#">RYB</a>	<a href="#">115, 199, 97</a>
Decimal	<a href="#">13088865</a>
CIELab	<a href="#">74.37, -6.14, 45.69</a>
CIElCh	<a href="#">74, 46.099, 97.657</a>
Yxy	<a href="#">47.2862, 0.3956, 0.4366</a>
Android (android.graphics.Color)	<a href="#">4291278945 (0xFFC7B861)</a>
YUV	<a href="#">178.5670, -40.2125, 17.9197</a>
Hunter-Lab	<a href="#">68.7649, -9.1051, 32.4622</a>

# Details

The Hex color **C7B861** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **6170C7**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFF096**, and **8F832E** is the 20% darker color. If you saturate the color by 10%, you get **C7B54D**, and if you desaturate by 10%, it is **C7BB75**.

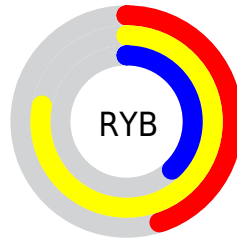
# Distribution



Red (78%)

Green (72%)

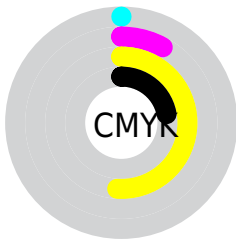
Blue (38%)



Red (45%)

Yellow (78%)

Blue (38%)

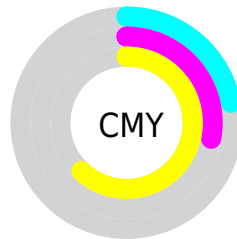


Cyan (0%)

Magenta (8%)

Yellow (51%)

Black (22%)



Cyan (22%)

Magenta (28%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C7B861 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 C7B861 by changing the saturation by 10% instead.



 C7B861

 C7B861

FFFFFF

 AB9D48

 FFF096

 8F832E

 FFFFB1

 746A14

 FFFFCD

 595200

 FFFFEB

 403B00

 272600

 091200

 000000

 C7B861

 C7B861

 C7B54D

 C7BB75

 C7B239

 C7BE89

 C7AF25

 C7C19D

 C7AC11

 C7C4B1

 C7AA00

 C7C7C5

 C7CAD8

 C7CCEC

 C7CFFF

 C7D2FF

# Harmonies

## Analogous

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



ECA969



C7B861



99C472

# Triad

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



C7B861



00CBE9



F49AD8

# Complementary

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



C7B861



6170C7

# 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.



C9A8FA



C7B861



1CC4FF

# Square

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



C7B861



00CDC1



88B8FF



FF95AE

# Rectangle

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



C7B861



76C988



88B8FF



E99EE5



# Sweetspot

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



C7B861



FFF9D9



C76170



807C69



000000



808080



# Same Dimension

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



C7B861



FFE861



A3C761



63625A



A38B00



241E00



# Inverse Universe

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



6170C7



6178FF



8561C7



5A5B63



0018A3



000524



# Previews

## White Background



This preview shows how the Hex color C7B861 looks on a white background.

## Color Contrast Check

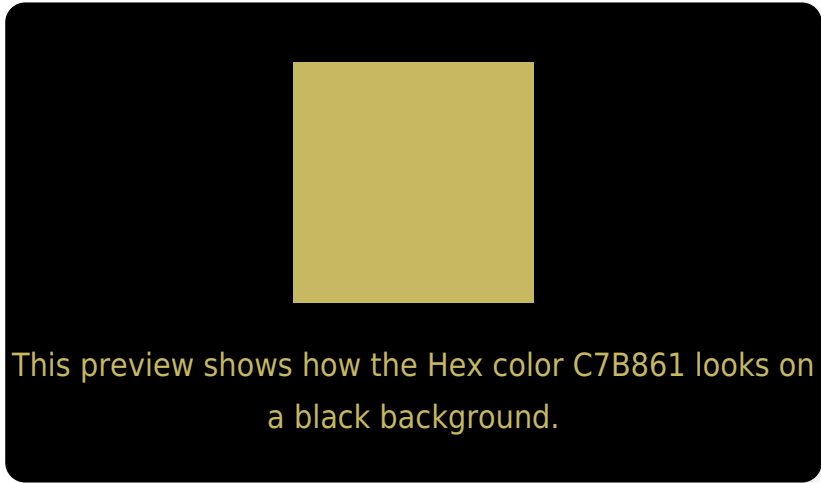
Large Text (above 18pt) WCAG AA × Fail

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 C7B861 Background



This preview shows how black text looks on a background with the Hex color C7B861.

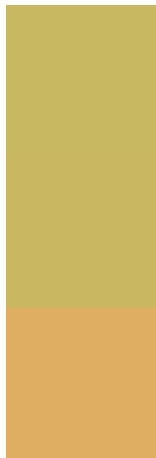


This preview shows how white text looks on a background with the Hex color C7B861.

# 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**  
C7B861

**Protanopia**  
CAB761

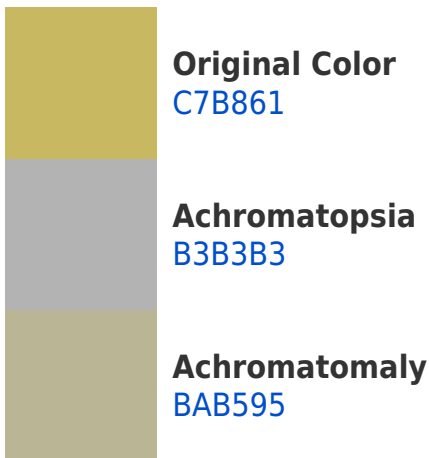
**Deuteranopia**  
E0AE63



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C7B861 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 #C7B861 looks like.

```
.text, #text, p{  
    color:#C7B861  
}
```

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 #C7B861 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7B861
}
```

## Border

The CSS property to change the border of an element to Hex C7B861 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
#C7B861 }
```

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

```
.border{ border-color:#C7B861 }
```

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

Here you see how a box with a 4 pixel #C7B861 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7B861; -webkit-box-shadow:4px 4px  
4px 4px #C7B861; box-shadow:4px 4px 4px  
4px #C7B861 }
```

# Background

The CSS property to change the background color of an element to Hex C7B861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7B861 }
```

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

```
.background{ background-color:#C7B861 }
```

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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