

# Converting Colors

Hex(C1B470)

Have a look what the booklet for  
Hex(C1B470) contains.

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**Color**

**Hex(C1B470)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C1B470
RGB	193, 180, 112
RGB Percent	76%, 71%, 44%
CMY	0.2431, 0.2941, 0.5608
CMYK	0.00, 0.07, 0.42, 0.24
HSL	50°, 40%, 60%
HSV	50°, 42%, 76%
XYZ	41.2382, 45.1498, 21.8705
YIQ	176.1350, 29.5760, -18.3920

# Conversions

## Conversions Part 2

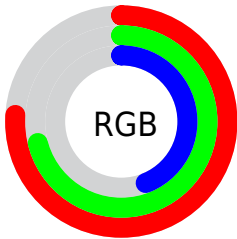
Format	Color
<a href="#">RYB</a>	<a href="#">127, 193, 112</a>
Decimal	<a href="#">12694640</a>
CIELab	<a href="#">72.99, -5.06, 36.30</a>
CIELCh	<a href="#">73, 36.654, 97.932</a>
Yxy	<a href="#">45.1498, 0.3809, 0.4171</a>
Android (android.graphics.Color)	<a href="#">4290884720 (0xFFC1B470)</a>
YUV	<a href="#">176.1350, -31.6186, 14.7906</a>
Hunter-Lab	<a href="#">67.1936, -8.0394, 27.7375</a>

# Details

The Hex color **C1B470** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **707DC1**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FBECA5**, and **8A7F3E** is the 20% darker color. If you saturate the color by 10%, you get **C1B15D**, and if you desaturate by 10%, it is **C1B783**.

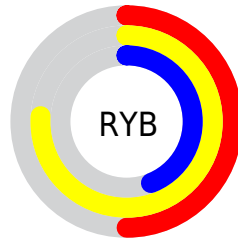
# Distribution



Red (76%)

Green (71%)

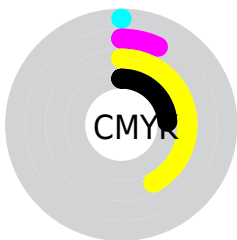
Blue (44%)



Red (50%)

Yellow (76%)

Blue (44%)

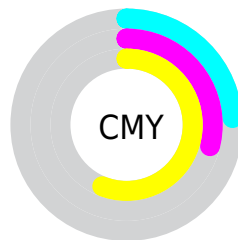


Cyan (0%)

Magenta (7%)

Yellow (42%)

Black (24%)



Cyan (24%)

Magenta (29%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C1B470 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 C1B470 by changing the saturation by 10% instead.



 C1B470

 C1B470

FFFFFF

 A59957

 FBECA5

 8A7F3E

 FFFFC0

 6F6627

 FFFFDC

 564F0E

 FFFFF9

 3D3800

 252300

 040E00

 000000

 C1B470

 C1B470

 C1B15D

 C1B783

 C1AE49

 C1BA97

 C1AB36

 C1BDAA

 C1A823

 C1C0BD

 C1A510

 C1C3D1

 C1A200

 C1C7E4

 C1CAF7

 C1CDFF

 C1D0FF

# Harmonies

## Analogous

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



DFA976



C1B470



9CBD7D

# Triad

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



C1B470



35C4DB



E59DCD

# Complementary

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



C1B470



707DC1

# 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.



C3A7E8



C1B470



5BBDF1

# Square

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



C1B470



4AC5BB



92B3F5



F499AB

# Rectangle

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



C1B470



82C28E



92B3F5



DBA0D7

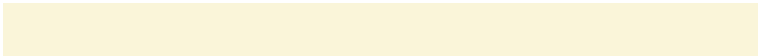


# Sweetspot

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



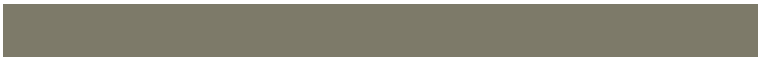
C1B470



FAF5D9



C1707E



7D7A69



FCFCFC



7D7D7D



# Same Dimension

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



C1B470



FAE67D



A6C170



615F57



A18700



211C00



# Inverse Universe

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



707DC1



7D91FA



8B70C1



575961



001AA1



000521



# Previews

## White Background



This preview shows how the Hex color C1B470 looks on a white background.

## Color Contrast Check

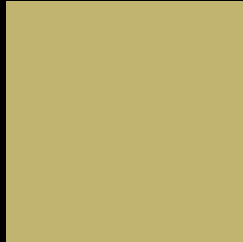
Large Text (above 18pt) WCAG AA × Fail

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 C1B470 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

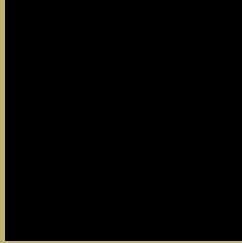
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C1B470 Background



This preview shows how black text looks on a background with the Hex color C1B470.



This preview shows how white text looks on a background with the Hex color C1B470.

# 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**  
C1B470

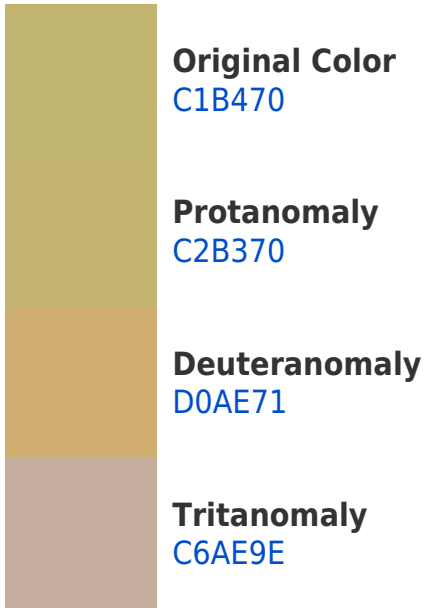
**Protanopia**  
C3B370

**Deuteranopia**  
D8AB72



**Tritanopia**  
C9ABB9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C1B470 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 #C1B470 looks like.

```
.text, #text, p{  
    color:#C1B470  
}
```

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 #C1B470 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1B470
}
```

## Border

The CSS property to change the border of an element to Hex C1B470 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
#C1B470 }
```

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

```
.border{ border-color:#C1B470 }
```

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

Here you see how a box with a 4 pixel #C1B470 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1B470; -webkit-box-shadow:4px 4px  
4px 4px #C1B470; box-shadow:4px 4px 4px  
4px #C1B470 }
```

# Background

The CSS property to change the background color of an element to Hex C1B470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1B470 }
```

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

```
.background{ background-color:#C1B470 }
```

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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