

# Converting Colors

Hex(C0BC71)

Have a look what the booklet for  
Hex(C0BC71) contains.

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**Color**

**Hex(C0BC71)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C0BC71
RGB	192, 188, 113
RGB Percent	75%, 74%, 44%
CMY	0.2471, 0.2627, 0.5569
CMYK	0.00, 0.02, 0.41, 0.25
HSL	57°, 39%, 60%
HSV	57°, 41%, 75%
XYZ	42.7021, 48.3652, 22.7076
YIQ	180.6460, 26.4590, -22.4770

# Conversions

## Conversions Part 2

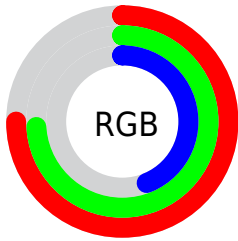
Format	Color
<a href="#">RYB</a>	<a href="#">117, 192, 113</a>
Decimal	<a href="#">12631153</a>
CIELab	<a href="#">75.05, -9.53, 38.39</a>
CIElCh	<a href="#">75, 39.552, 103.941</a>
Yxy	<a href="#">48.3652, 0.3753, 0.4251</a>
Android (android.graphics.Color)	<a href="#">4290821233 (0xFFC0BC71)</a>
YUV	<a href="#">180.6460, -33.3495, 9.9575</a>
Hunter-Lab	<a href="#">69.5451, -12.1012, 29.3224</a>

# Details

The Hex color **C0BC71** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7175C0**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FAF4A6**, and **89873F** is the 20% darker color. If you saturate the color by 10%, you get **C0BB5E**, and if you desaturate by 10%, it is **C0BD84**.

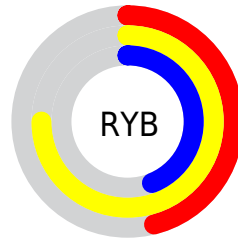
# Distribution



Red (75%)

Green (74%)

Blue (44%)



Red (46%)

Yellow (75%)

Blue (44%)

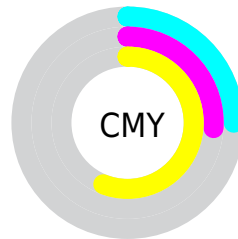


Cyan (0%)

Magenta (2%)

Yellow (41%)

Black (25%)



Cyan (25%)

Magenta (26%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C0BC71 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 C0BC71 by changing the saturation by 10% instead.



 C0BC71

 C0BC71

FFFFFF

 A4A158

 FAF4A6

 89873F

 FFFFC1

 6F6E27

 FFFFDE

 55550D

 FFFFFA

 3C3E00

 242900

 041500

 000000

 C0BC71

 C0BC71

 C0BB5E

 C0BD84

 C0BA4B

 C0BE97

 C0B937

 C0BFAB

 C0B824

 C0C0BE

 C0B711

 C0C1D1

 C0B600

 C0C2E4

 C0C3F7

 C0C4FF

 C0C5FF

# Harmonies

## Analogous

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



E2B073



C0BC71



97C583

# Triad

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



C0BC71



26CAEA



F49FCE

# Complementary

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



C0BC71



7175C0

# 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.



D3A9ED



C0BC71



62C2FE

# Square

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



C0BC71



36CCC9



A0B7FF



FF9DA9

# Rectangle

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



C0BC71



79CA98



A0B7FF



EBA2D9

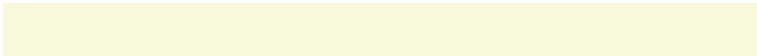


# Sweetspot

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



C0BC71



FAF8DC



C07176



7D7C6B



FCFCFC



7D7D7D

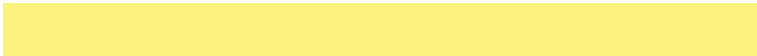


# Same Dimension

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



C0BC71



FAF47F



9EC071



616057



A19900



211F00



# Inverse Universe

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



7175C0



7F86FA



9371C0



575861



0008A1



000221



# Previews

## White Background



This preview shows how the Hex color C0BC71 looks on a white background.

## Color Contrast Check

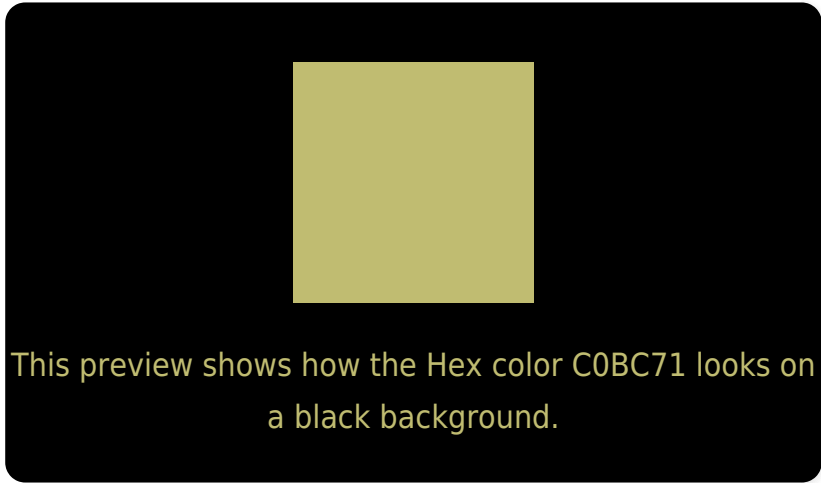
Large Text (above 18pt) WCAG AA × Fail

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

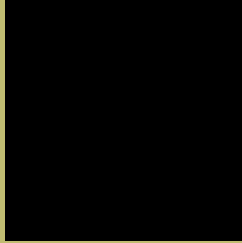
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C0BC71 Background



This preview shows how black text looks on a background with the Hex color C0BC71.

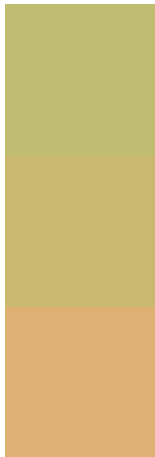


This preview shows how white text looks on a background with the Hex color C0BC71.

# 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**  
C0BC71

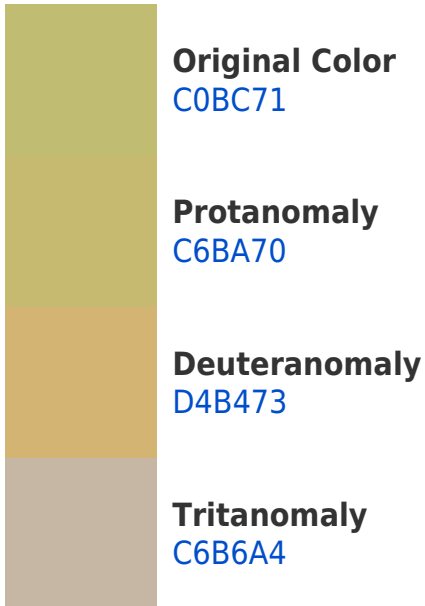
**Protanopia**  
CAB970

**Deuteranopia**  
DFB074



**Tritanopia**  
C9B3C1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C0BC71 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 #C0BC71 looks like.

```
.text, #text, p{  
    color:#C0BC71  
}
```

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 #C0BC71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0BC71
}
```

## Border

The CSS property to change the border of an element to Hex C0BC71 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
#C0BC71 }
```

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

```
.border{ border-color:#C0BC71 }
```

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

Here you see how a box with a 4 pixel `#C0BC71` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0BC71; -webkit-box-shadow:4px 4px  
4px 4px #C0BC71; box-shadow:4px 4px 4px  
4px #C0BC71 }
```

# Background

The CSS property to change the background color of an element to Hex C0BC71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0BC71 }
```

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

```
.background{ background-color:#C0BC71 }
```

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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