

# Converting Colors

Hex(C4BD57)

Have a look what the booklet for  
Hex(C4BD57) contains.

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# **Color**

**Hex(C4BD57)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4BD57
RGB	196, 189, 87
RGB Percent	77%, 74%, 34%
CMY	0.2314, 0.2588, 0.6588
CMYK	0.00, 0.04, 0.56, 0.23
HSL	56°, 48%, 55%
HSV	56°, 56%, 77%
XYZ	42.6828, 48.8191, 16.1902
YIQ	179.4650, 36.9140, -30.2380

# Conversions

## Conversions Part 2

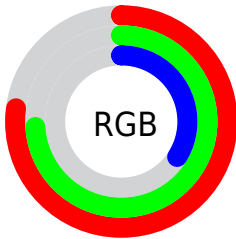
<b>Format</b>	<b>Color</b>
<b>RYB</b>	94, 196, 87
Decimal	12893527
CIELab	75.34, -10.81, 51.52
CIELCh	75, 52.646, 101.849
Yxy	48.8191, 0.3963, 0.4533
Android (android.graphics.Color)	4291083607 (0xFFC4BD57)
YUV	179.4650, -45.5852, 14.5012
Hunter-Lab	69.8706, -13.2309, 35.1709

# Details

The Hex color **C4BD57** 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 **575EC4**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **FFF58C**, and **8C8822** is the 20% darker color. If you saturate the color by 10%, you get **C4BC43**, and if you desaturate by 10%, it is **C4BE6B**.

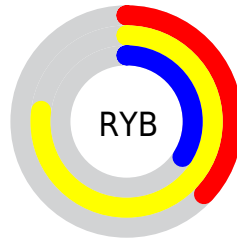
# Distribution



Red (77%)

Green (74%)

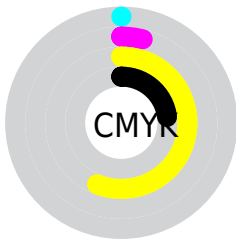
Blue (34%)



Red (37%)

Yellow (77%)

Blue (34%)

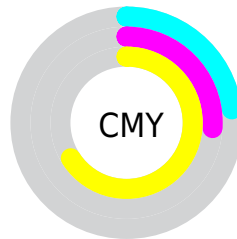


Cyan (0%)

Magenta (4%)

Yellow (56%)

Black (23%)



Cyan (23%)

Magenta (26%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C4BD57 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 C4BD57 by changing the saturation by 10% instead.



 C4BD57

 C4BD57

FFFFFF

 A8A23D

 FFF58C

 8C8822

 FFFFA7

 716F00

 FFFFC3

 565700

 FFFFEO

 3D3F00

FFFFFFD

 232A00

 021600

 000000

 C4BD57

 C4BD57

 C4BC43

 C4BE6B

 C4BA30

 C4C07E

 C4B91C

 C4C192

 C4B809

 C4C2A5

 C4B700

 C4C3B9

 C4C5CD

 C4C6E0

 C4C7F4

 C4C8FF

# Harmonies

## Analogous

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



EFAC5C



C4BD57



8FC96F

# Triad

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



C4BD57



00D0F9



FF95D9

# Complementary

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



C4BD57



575EC4

# 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.



D7A5FF



C4BD57



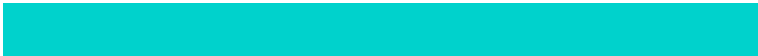
00C7FF

# Square

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



C4BD57



00D2CC



8CB8FF



FF91A8

# Rectangle

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



C4BD57



62CE8A



8CB8FF



F89AE8



# Sweetspot

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



C4BD57



FFCD4



C4575E



807E66



000000



808080



# Same Dimension

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



C4BD57



FFF454



95C457



616057



A19600



211F00



# Inverse Universe

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



575EC4



545FFF



8657C4



575861



000AA1



000221



# Previews

## White Background



This preview shows how the Hex color C4BD57 looks on a white background.

## Color Contrast Check

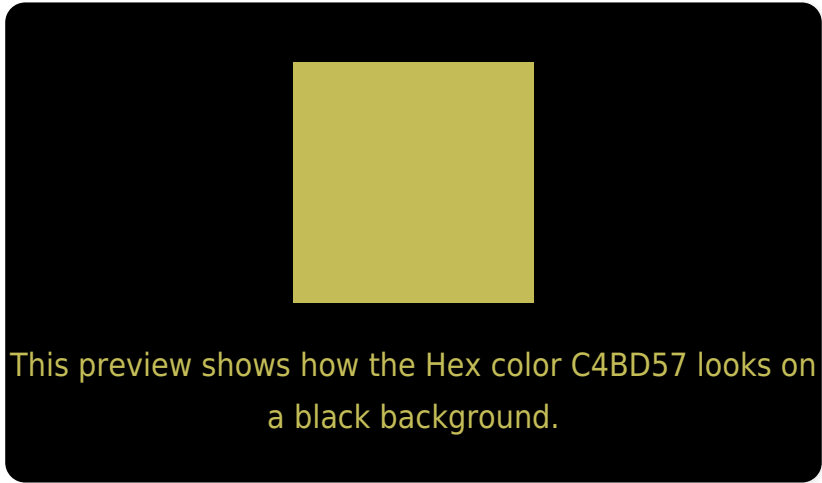
Large Text (above 18pt) WCAG AA × Fail

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 C4BD57 Background



This preview shows how black text looks on a background with the Hex color C4BD57.

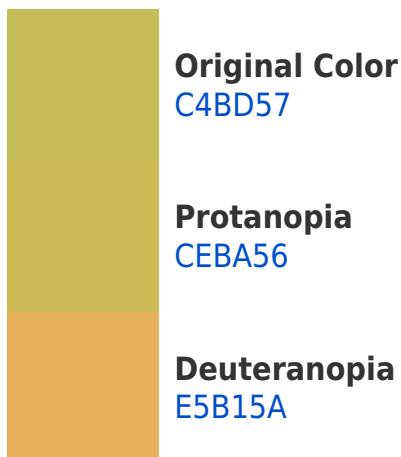


This preview shows how white text looks on a background with the Hex color C4BD57.

# Color Blindness Simulation

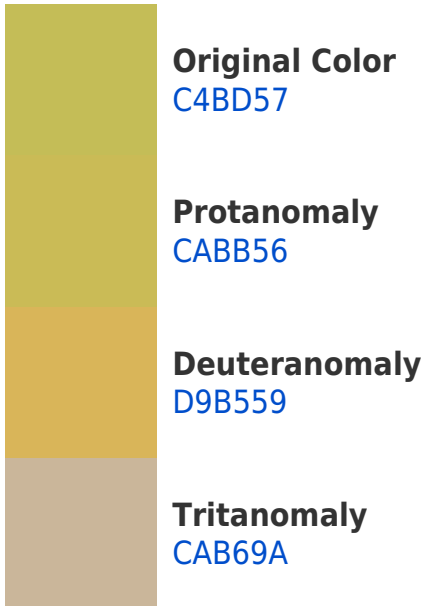
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C4BD57 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 #C4BD57 looks like.

```
.text, #text, p{  
    color:#C4BD57  
}
```

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 #C4BD57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4BD57
}
```

## Border

The CSS property to change the border of an element to Hex C4BD57 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
#C4BD57 }
```

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

```
.border{ border-color:#C4BD57 }
```

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

Here you see how a box with a 4 pixel #C4BD57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4BD57; -webkit-box-shadow:4px 4px  
4px 4px #C4BD57; box-shadow:4px 4px 4px  
4px #C4BD57 }
```

# Background

The CSS property to change the background color of an element to Hex C4BD57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4BD57 }
```

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

```
.background{ background-color:#C4BD57 }
```

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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