

# Converting Colors

Hex(C3BD4F)

Have a look what the booklet for  
Hex(C3BD4F) contains.

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# **Color**

**Hex(C3BD4F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3BD4F
RGB	195, 189, 79
RGB Percent	76%, 74%, 31%
CMY	0.2353, 0.2588, 0.6902
CMYK	0.00, 0.03, 0.59, 0.24
HSL	57°, 49%, 54%
HSV	57°, 59%, 76%
XYZ	42.1146, 48.5618, 14.5508
YIQ	178.2540, 38.8860, -32.9380

# Conversions

## Conversions Part 2

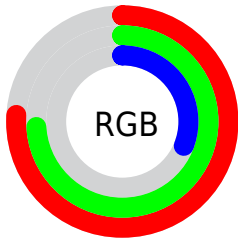
Format	Color
<a href="#">RYB</a>	<a href="#">85, 195, 79</a>
Decimal	<a href="#">12827983</a>
CIELab	<a href="#">75.18, -11.82, 54.95</a>
CIELCh	<a href="#">75, 56.209, 102.144</a>
Yxy	<a href="#">48.5618, 0.4002, 0.4615</a>
Android (android.graphics.Color)	<a href="#">4291018063</a> ( <a href="#">0xFFC3BD4F</a> )
YUV	<a href="#">178.2540, -48.9322, 14.6862</a>
Hunter-Lab	<a href="#">69.6863, -14.0755, 36.4004</a>

# Details

The Hex color **C3BD4F** 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 **4F55C3**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FEF584**, and **8B8817** is the 20% darker color. If you saturate the color by 10%, you get **C3BC3C**, and if you desaturate by 10%, it is **C3BE62**.

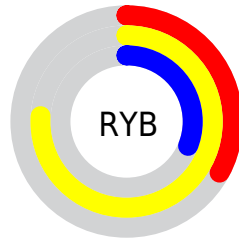
# Distribution



Red (76%)

Green (74%)

Blue (31%)



Red (33%)

Yellow (76%)

Blue (31%)

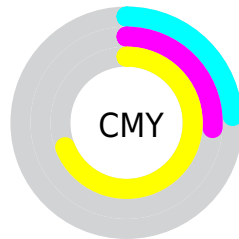


Cyan (0%)

Magenta (3%)

Yellow (59%)

Black (24%)



Cyan (24%)

Magenta (26%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C3BD4F 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 C3BD4F by changing the saturation by 10% instead.





C3BD4F



C3BD4F

FFFFFF



A6A234



FEF584



8B8817



FFFF9F



6F6F00



FFFFBB



555700



FFFFD8



3B3F00



FFFFF5



212A00



001600



000000



C3BD4F



C3BD4F

 C3BC3C

 C3BE62

 C3BB28

 C3BF76

 C3BA14

 C3C089

 C3B901

 C3C19D

 C3B900

 C3C2B1

 C3C3C4

 C3C4D8

 C3C5EB

 C3C6FF

# Harmonies

## Analogous

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



F1AB55



C3BD4F



8ACA69

# Triad

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



C3BD4F



00D0FD



FF91DA

# Complementary

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



C3BD4F



4F55C3

# 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.



D8A3FF



C3BD4F



00C7FF

# Square

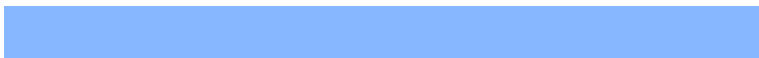
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C3BD4F



00D3CD



87B7FF



FF8DA6

# Rectangle

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



C3BD4F



58CF87



87B7FF



FC96EA

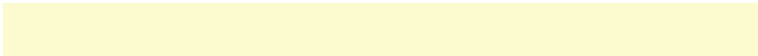


# Sweetspot

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



C3BD4F



FCFACF



C34F57



807E63



000000



808080



# Same Dimension

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



C3BD4F



FCF349



91C34F



616057



A19800



211F00



# Inverse Universe

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



4F55C3



4952FC



814FC3



575861



0008A1



000221



# Previews

## White Background



This preview shows how the Hex color C3BD4F looks on a white background.

## Color Contrast Check

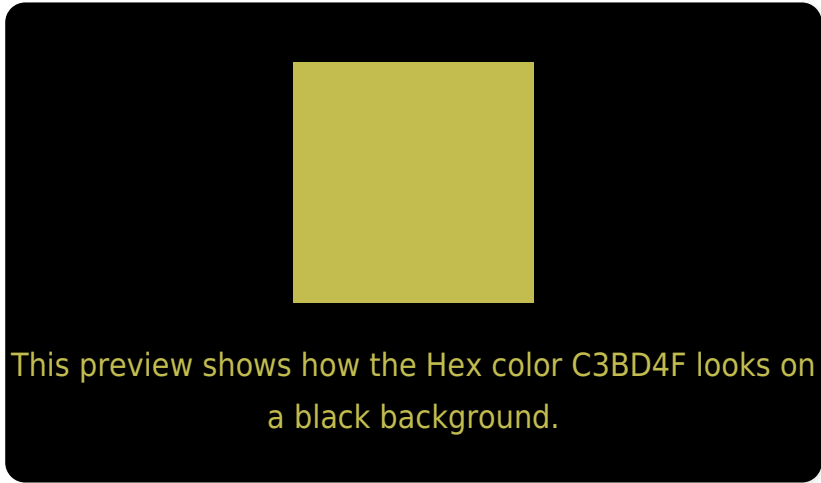
Large Text (above 18pt) WCAG AA × Fail

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

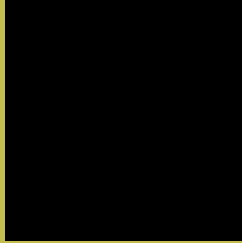
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C3BD4F Background



This preview shows how black text looks on a background with the Hex color C3BD4F.



This preview shows how white text looks on a background with the Hex color C3BD4F.

# 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



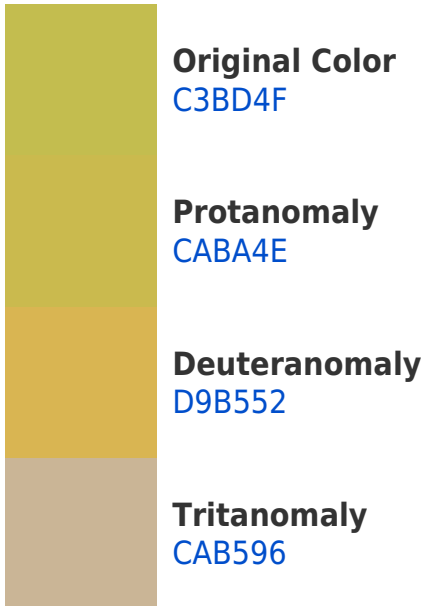
**Original Color**  
C3BD4F

**Protanopia**  
CEB94E

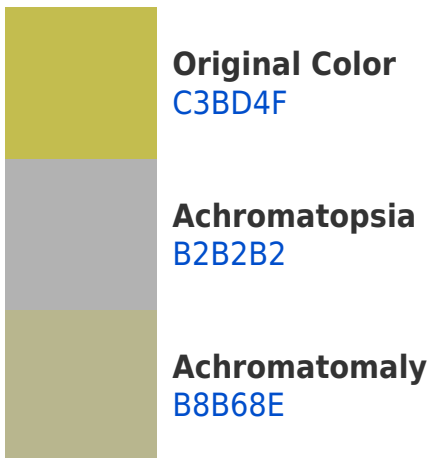
**Deuteranopia**  
E5B053



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C3BD4F 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 #C3BD4F looks like.

```
.text, #text, p{  
    color:#C3BD4F  
}
```

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 #C3BD4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3BD4F  
}
```

## Border

The CSS property to change the border of an element to Hex C3BD4F 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  
#C3BD4F }
```

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

```
.border{ border-color:#C3BD4F }
```

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

Here you see how a box with a 4 pixel #C3BD4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3BD4F; -webkit-box-shadow:4px 4px  
4px 4px #C3BD4F; box-shadow:4px 4px 4px  
4px #C3BD4F }
```

# Background

The CSS property to change the background color of an element to Hex C3BD4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3BD4F }
```

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

```
.background{ background-color:#C3BD4F }
```

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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