

# Converting Colors

Hex(C6BD5D)

Have a look what the booklet for  
Hex(C6BD5D) contains.

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# **Color**

**Hex(C6BD5D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C6BD5D
RGB	198, 189, 93
RGB Percent	78%, 74%, 36%
CMY	0.2235, 0.2588, 0.6353
CMYK	0.00, 0.05, 0.53, 0.22
HSL	55°, 48%, 57%
HSV	55°, 53%, 78%
XYZ	43.4621, 49.1913, 17.5601
YIQ	180.7470, 36.1800, -27.9480

# Conversions

## Conversions Part 2

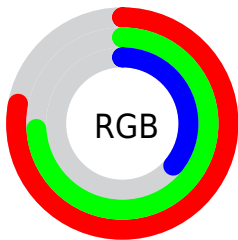
Format	Color
<a href="#">RYB</a>	<a href="#">103, 198, 93</a>
Decimal	<a href="#">13024605</a>
CIELab	<a href="#">75.57, -9.49, 49.02</a>
CIELCh	<a href="#">76, 49.926, 100.960</a>
Yxy	<a href="#">49.1913, 0.3943, 0.4463</a>
Android (android.graphics.Color)	<a href="#">4291214685 (0xFFC6BD5D)</a>
YUV	<a href="#">180.7470, -43.2593, 15.1309</a>
Hunter-Lab	<a href="#">70.1365, -12.1262, 34.2511</a>

# Details

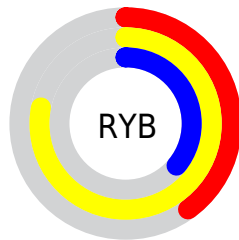
The Hex color **C6BD5D** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **5D66C6**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFF592**, and **8E8829** is the 20% darker color. If you saturate the color by 10%, you get **C6BB49**, and if you desaturate by 10%, it is **C6BF71**.

# Distribution



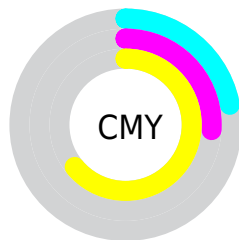
- Red (78%)
- Green (74%)
- Blue (36%)



- Red (40%)
- Yellow (78%)
- Blue (36%)



- Cyan (0%)
- Magenta (5%)
- Yellow (53%)
- Black (22%)



- Cyan (22%)
- Magenta (26%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C6BD5D 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 C6BD5D by changing the saturation by 10% instead.





C6BD5D



C6BD5D

FFFFFF



AAA243



FFF592



8E8829



FFFFAD



736F0B



FFFFC9



585700



FFFFE6



3F3F00



262A00



071600



000000



C6BD5D



C6BD5D

 C6BB49

 C6BF71

 C6BA35

 C6C085

 C6B822

 C6C298

 C6B60E

 C6C4AC

 C6B500

 C6C5C0

 C6C7D4

 C6C9E8

 C6CBFB

 C6CCFF

# Harmonies

## Analogous

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



EFAD63



C6BD5D



94C972

# Triad

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



C6BD5D



00CFF5



FF99D9

# Complementary

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



C6BD5D



5D66C6

# 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.



D4A8FF



C6BD5D



00C7FF

# Square

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



C6BD5D



00D2CA



8EB9FF



FF94AB

# Rectangle

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



C6BD5D



6BCE8C



8EB9FF



F59DE8



# Sweetspot

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



C6BD5D



FFCD6



C65D68



807D67



000000



808080



# Same Dimension

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



C6BD5D



FFF15C



9CC65D



63635A



A39500



242100



# Inverse Universe

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



5D66C6



5C6AFF



875DC6



5A5A63



000EA3



000324



# Previews

## White Background



This preview shows how the Hex color C6BD5D looks on a white background.

## Color Contrast Check

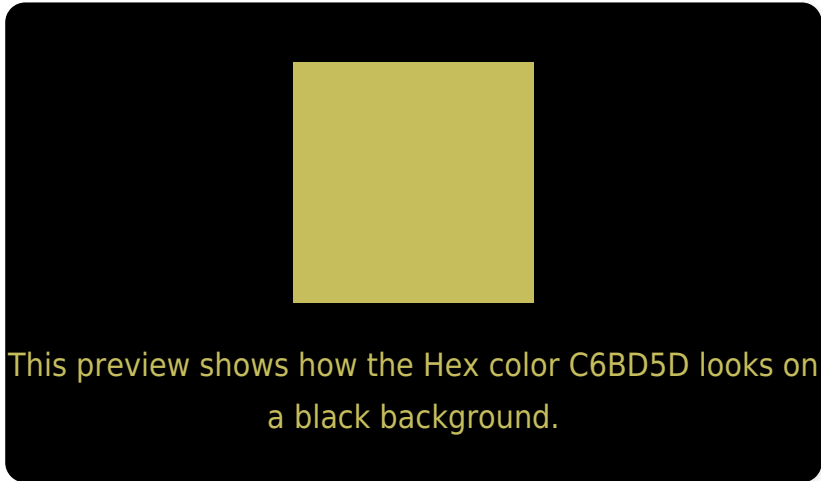
Large Text (above 18pt) WCAG AA × Fail

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

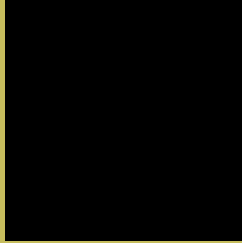
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C6BD5D Background



This preview shows how black text looks on a background with the Hex color C6BD5D.



This preview shows how white text looks on a background with the Hex color C6BD5D.

# 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**  
C6BD5D

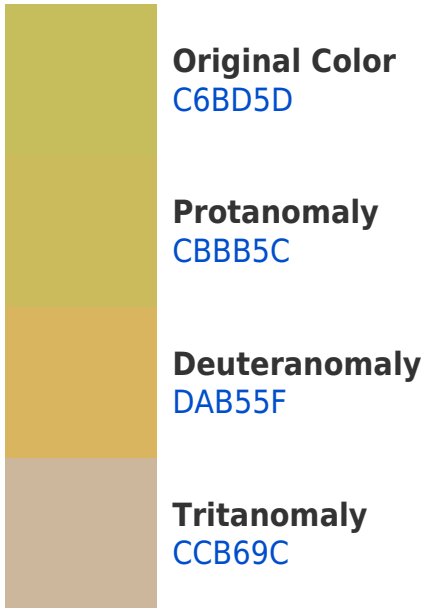
**Protanopia**  
CEBA5C

**Deuteranopia**  
E5B160



**Tritanopia**  
D0B2C0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C6BD5D 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 #C6BD5D looks like.

```
.text, #text, p{  
    color:#C6BD5D  
}
```

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 #C6BD5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6BD5D
}
```

## Border

The CSS property to change the border of an element to Hex C6BD5D 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
#C6BD5D }
```

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

```
.border{ border-color:#C6BD5D }
```

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

Here you see how a box with a 4 pixel #C6BD5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6BD5D; -webkit-box-shadow:4px 4px  
4px 4px #C6BD5D; box-shadow:4px 4px 4px  
4px #C6BD5D }
```

# Background

The CSS property to change the background color of an element to Hex C6BD5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6BD5D }
```

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

```
.background{ background-color:#C6BD5D }
```

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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