

# Converting Colors

Hex(C5BD3E)

Have a look what the booklet for  
Hex(C5BD3E) contains.

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# **Color**

**Hex(C5BD3E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5BD3E
RGB	197, 189, 62
RGB Percent	77%, 74%, 24%
CMY	0.2275, 0.2588, 0.7569
CMYK	0.00, 0.04, 0.69, 0.23
HSL	56°, 54%, 51%
HSV	56°, 69%, 77%
XYZ	42.0931, 48.6133, 11.7222
YIQ	176.9140, 45.5350, -37.8010

# Conversions

## Conversions Part 2

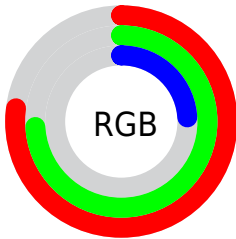
Format	Color
<a href="#">RYB</a>	<a href="#">71, 197, 62</a>
Decimal	<a href="#">12959038</a>
CIELab	<a href="#">75.21, -12.03, 62.12</a>
CIELCh	<a href="#">75, 63.269, 100.959</a>
Yxy	<a href="#">48.6133, 0.4110, 0.4746</a>
Android (android.graphics.Color)	<a href="#">4291149118 (0xFFC5BD3E)</a>
YUV	<a href="#">176.9140, -56.6526, 17.6154</a>
Hunter-Lab	<a href="#">69.7232, -14.2523, 38.8382</a>

# Details

The Hex color **C5BD3E** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted orange. A complement of this color would be **3E46C5**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **FFF575**, and **8C8800** is the 20% darker color. If you saturate the color by 10%, you get **C5BC2A**, and if you desaturate by 10%, it is **C5BE52**.

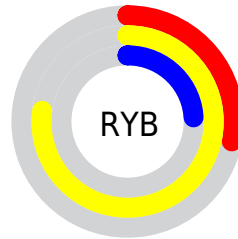
# Distribution



Red (77%)

Green (74%)

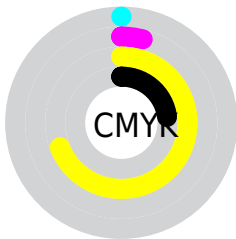
Blue (24%)



Red (28%)

Yellow (77%)

Blue (24%)

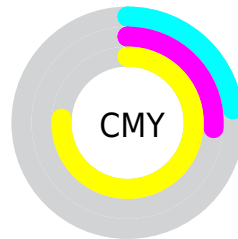


Cyan (0%)

Magenta (4%)

Yellow (69%)

Black (23%)



Cyan (23%)

Magenta (26%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C5BD3E 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 C5BD3E by changing the saturation by 10% instead.



 C5BD3E

 C5BD3E

FFFFFF

 A8A220

 FFF575

 8C8800

 FFFF90

 706F00

 FFFFAC

 555700

 FFFFC8

 3A4000

 FFFFE5

 212A00

 001700

 000000

 C5BD3E

 C5BD3E

 C5BC2A

 C5BE52

 C5BB17

 C5BF65

 C5B903

 C5C179

 C5B900

 C5C28D

 C5C3A1

 C5C4B4

 C5C5C8

 C5C6DC

 C5C8EF

# Harmonies

## Analogous

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



F8A948



C5BD3E



85CB5C

# Triad

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



C5BD3E



00D3FF



FF8BE1

# Complementary

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



C5BD3E



3E46C5

# 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.



D9A1FF



C5BD3E



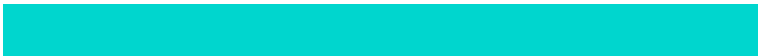
00CAFF

# Square

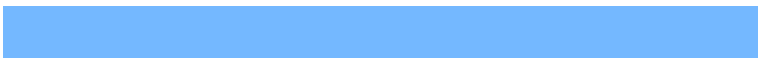
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C5BD3E



00D6CE



74B8FF



FF85A6

# Rectangle

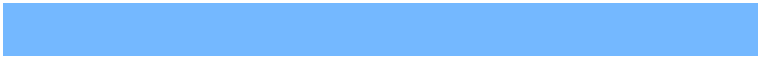
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C5BD3E



48D17E



74B8FF



FF91F3



# Sweetspot

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



C5BD3E



FFFCC9



C53E47



807E60



000000



808080



# Same Dimension

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



C5BD3E



FFF32E



8BC53E



63635A



A39A00



242200



# Inverse Universe

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



3E46C5



2E3AFF



793EC5



5A5A63



000AA3



000224



# Previews

## White Background



This preview shows how the Hex color C5BD3E looks on a white background.

## Color Contrast Check

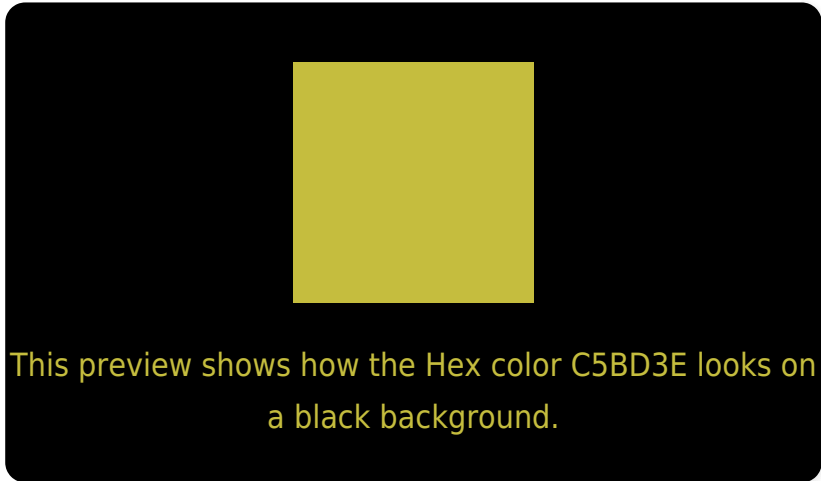
Large Text (above 18pt) WCAG AA × Fail

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 C5BD3E Background



This preview shows how black text looks on a background with the Hex color C5BD3E.

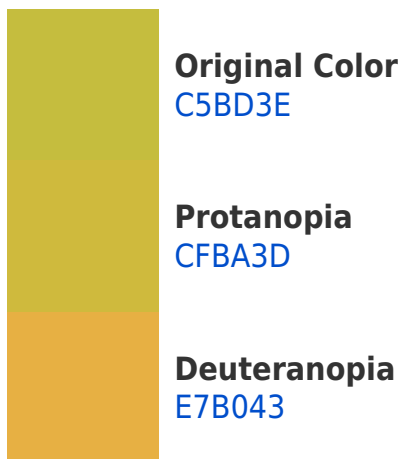


This preview shows how white text looks on a background with the Hex color C5BD3E.

# 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](#).

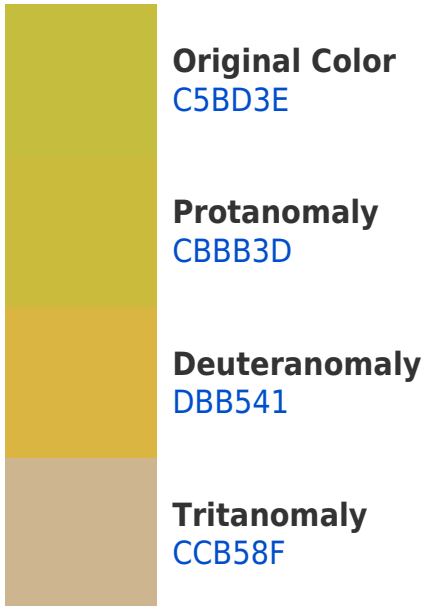
## Dichromacy





**Tritanopia**  
D0B1BE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C5BD3E 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 #C5BD3E looks like.

```
.text, #text, p{  
    color:#C5BD3E  
}
```

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 #C5BD3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5BD3E
}
```

## Border

The CSS property to change the border of an element to Hex C5BD3E 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
#C5BD3E }
```

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

```
.border{ border-color:#C5BD3E }
```

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

Here you see how a box with a 4 pixel #C5BD3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5BD3E; -webkit-box-shadow:4px 4px  
4px 4px #C5BD3E; box-shadow:4px 4px 4px  
4px #C5BD3E }
```

# Background

The CSS property to change the background color of an element to Hex C5BD3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5BD3E }
```

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

```
.background{ background-color:#C5BD3E }
```

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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