

# Converting Colors

Hex(C5BD55)

Have a look what the booklet for  
Hex(C5BD55) contains.

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# **Color**

**Hex(C5BD55)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5BD55
RGB	197, 189, 85
RGB Percent	77%, 74%, 33%
CMY	0.2275, 0.2588, 0.6667
CMYK	0.00, 0.04, 0.57, 0.23
HSL	56°, 49%, 55%
HSV	56°, 57%, 77%
XYZ	42.8632, 48.9214, 15.7780
YIQ	179.5360, 38.1520, -30.6480

# Conversions

## Conversions Part 2

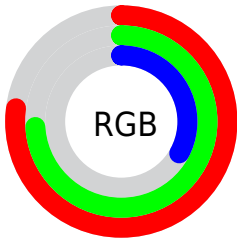
Format	Color
<a href="#">RYB</a>	<a href="#">94, 197, 85</a>
Decimal	<a href="#">12959061</a>
CIELab	<a href="#">75.40, -10.55, 52.54</a>
CIELCh	<a href="#">75, 53.589, 101.350</a>
Yxy	<a href="#">48.9214, 0.3985, 0.4548</a>
Android (android.graphics.Color)	<a href="#">4291149141 (0xFFC5BD55)</a>
YUV	<a href="#">179.5360, -46.6062, 15.3159</a>
Hunter-Lab	<a href="#">69.9438, -13.0126, 35.5860</a>

# Details

The Hex color **C5BD55** 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 **555DC5**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **FFF58A**, and **8D8820** is the 20% darker color. If you saturate the color by 10%, you get **C5BC41**, and if you desaturate by 10%, it is **C5BE69**.

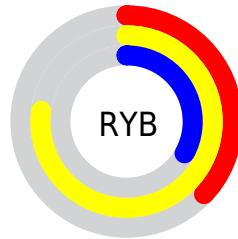
# Distribution



Red (77%)

Green (74%)

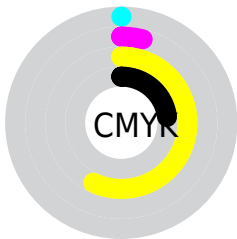
Blue (33%)



Red (37%)

Yellow (77%)

Blue (33%)

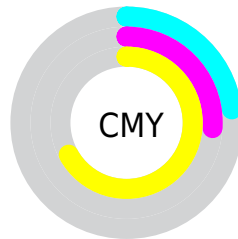


Cyan (0%)

Magenta (4%)

Yellow (57%)

Black (23%)



Cyan (23%)

Magenta (26%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C5BD55 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 C5BD55 by changing the saturation by 10% instead.





C5BD55



C5BD55

FFFFFF



A8A23B



FFF58A



8D8820



FFFFA5



716F00



FFFFC1



575700



FFFFDE



3D3F00



FFFFFB



242A00



031600



000000



C5BD55



C5BD55

 C5BC41

 C5BE69

 C5BA2E

 C5C07C

 C5B91A

 C5C190

 C5B706

 C5C3A4

 C5B700

 C5C4B8

 C5C5CB

 C5C7DF

 C5C8F3

 C5CAFF

# Harmonies

## Analogous

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



F1AC5B



C5BD55



8FC96D

# Triad

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



C5BD55



00D0FA



FF95DB

# Complementary

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



C5BD55



555DC5

# 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.



D6A5FF



C5BD55



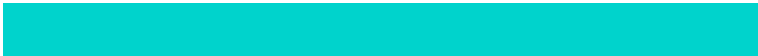
00C8FF

# Square

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



C5BD55



00D3CC



89B9FF



FF90A9

# Rectangle

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



C5BD55



62CF88



89B9FF



F999EA



# Sweetspot

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



C5BD55



FFCD4



C5555E



807E66



000000



808080



# Same Dimension

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



C5BD55



FFF352



96C555



63635A



A39800



242100



# Inverse Universe

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



555DC5



525EFF



8455C5



5A5A63



000CA3



000324



# Previews

## White Background



This preview shows how the Hex color C5BD55 looks on a white background.

## Color Contrast Check

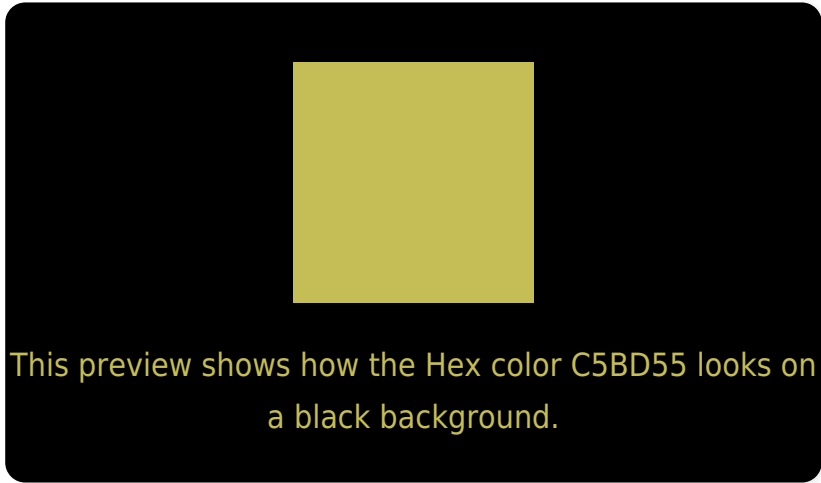
Large Text (above 18pt) WCAG AA × Fail

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 C5BD55 Background



This preview shows how black text looks on a background with the Hex color C5BD55.



This preview shows how white text looks on a background with the Hex color C5BD55.

# 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



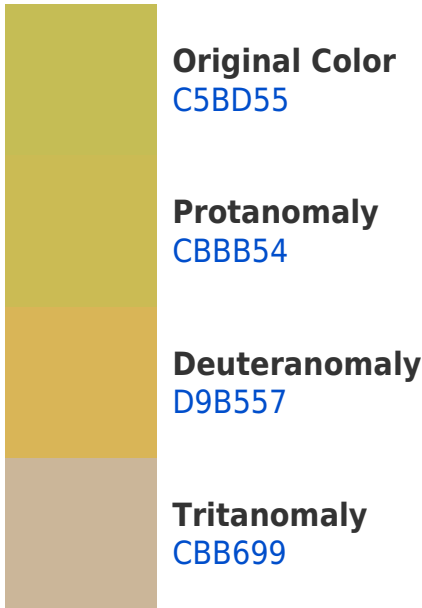
**Original Color**  
C5BD55

**Protanopia**  
CEBA54

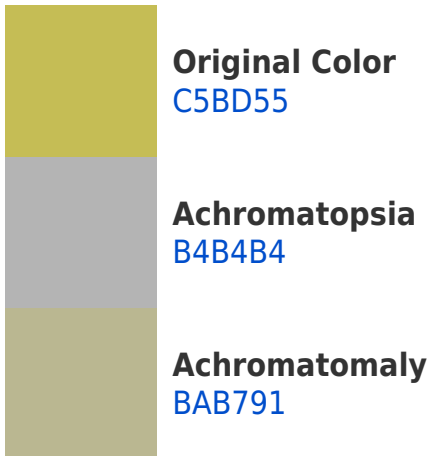
**Deuteranopia**  
E5B158



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C5BD55 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 #C5BD55 looks like.

```
.text, #text, p{  
    color:#C5BD55  
}
```

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 #C5BD55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5BD55
}
```

## Border

The CSS property to change the border of an element to Hex C5BD55 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
#C5BD55 }
```

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

```
.border{ border-color:#C5BD55 }
```

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

Here you see how a box with a 4 pixel #C5BD55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5BD55; -webkit-box-shadow:4px 4px  
4px 4px #C5BD55; box-shadow:4px 4px 4px  
4px #C5BD55 }
```

# Background

The CSS property to change the background color of an element to Hex C5BD55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5BD55 }
```

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

```
.background{ background-color:#C5BD55 }
```

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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