

# Converting Colors

Hex(C8BC37)

Have a look what the booklet for  
Hex(C8BC37) contains.

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**Color**

**Hex(C8BC37)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C8BC37
RGB	200, 188, 55
RGB Percent	78%, 74%, 22%
CMY	0.2157, 0.2627, 0.7843
CMYK	0.00, 0.06, 0.72, 0.22
HSL	55°, 57%, 50%
HSV	55°, 72%, 78%
XYZ	42.4922, 48.5216, 10.7405
YIQ	176.4260, 49.8450, -38.8190

# Conversions

## Conversions Part 2

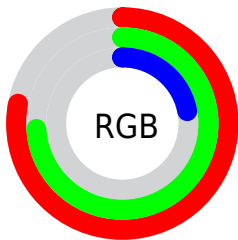
Format	Color
<a href="#">RYB</a>	68, 200, 55
Decimal	13155383
CIELab	75.15, -10.58, 64.75
CIELCh	75, 65.609, 99.280
Yxy	48.5216, 0.4176, 0.4769
Android (android.graphics.Color)	4291345463 (0xFFC8BC37)
YUV	176.4260, -59.8630, 20.6744
Hunter-Lab	69.6575, -13.0126, 39.6183

# Details

The Hex color **C8BC37** 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 **3743C8**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **FFF46F**, and **8E8700** is the 20% darker color. If you saturate the color by 10%, you get **C8BA23**, and if you desaturate by 10%, it is **C8BE4B**.

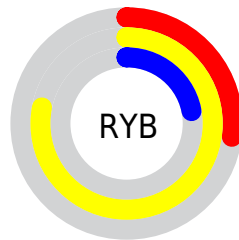
# Distribution



Red (78%)

Green (74%)

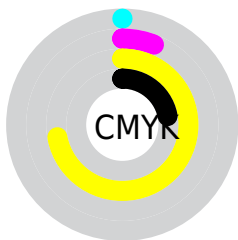
Blue (22%)



Red (27%)

Yellow (78%)

Blue (22%)

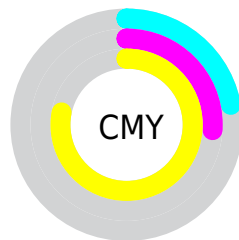


Cyan (0%)

Magenta (6%)

Yellow (72%)

Black (22%)



Cyan (22%)

Magenta (26%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C8BC37 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 C8BC37 by changing the saturation by 10% instead.



 C8BC37

 C8BC37

FFFFFF

 ABA116

 FFF46F

 8E8700

 FFFF8A

 726E00

 FFFFA6

 575600


 FFFFC3

 3C3F00

 FFFFDF

 232900

FFFFFFD

 011600

 000000

 C8BC37

 C8BC37

 C8BA23

 C8BE4B

 C8B90F

 C8BF5F

 C8B700

 C8C173

 C8C387

 C8C49B

 C8C6AF

 C8C8C3

 C8C9D7

 C8CBEB

# Harmonies

## Analogous

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



FCA744



C8BC37



87CB56

# Triad

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



C8BC37



00D4FF



FF8AE5

# Complementary

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



C8BC37



3743C8

# 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.



D5A1FF



C8BC37



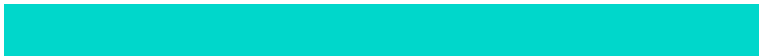
00CBFF

# Square

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



C8BC37



00D7CB



65B9FF



FF82A9

# Rectangle

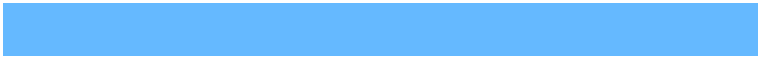
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C8BC37



48D178



65B9FF



FF91F8



# Sweetspot

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



C8BC37



FFAC7



C83743



807D5E



000000



808080



# Same Dimension

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



C8BC37



FFED21



8CC837



63635A



A39600



242100



# Inverse Universe

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



3743C8



2134FF



7337C8



5A5A63



000EA3



000324



# Previews

## White Background



This preview shows how the Hex color C8BC37 looks on a white background.

## Color Contrast Check

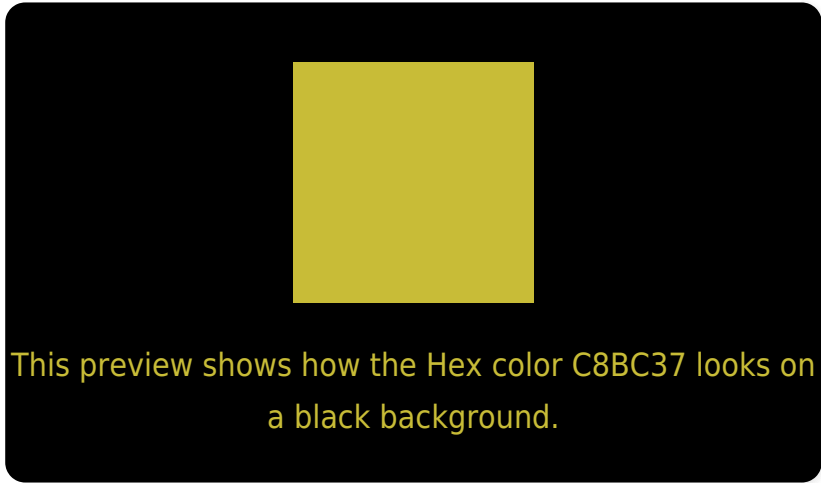
Large Text (above 18pt) WCAG AA × Fail

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 C8BC37 Background



This preview shows how black text looks on a background with the Hex color C8BC37.



This preview shows how white text looks on a background with the Hex color C8BC37.

# 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**  
C8BC37

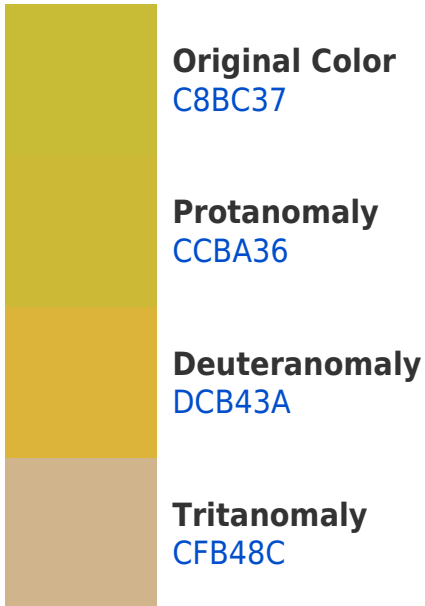
**Protanopia**  
CFB936

**Deuteranopia**  
E8B03C



**Tritanopia**  
D3B0BD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C8BC37 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 #C8BC37 looks like.

```
.text, #text, p{  
    color:#C8BC37  
}
```

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 #C8BC37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C8BC37
}
```

## Border

The CSS property to change the border of an element to Hex C8BC37 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
#C8BC37 }
```

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

```
.border{ border-color:#C8BC37 }
```

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

Here you see how a box with a 4 pixel #C8BC37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C8BC37; -webkit-box-shadow:4px 4px  
4px 4px #C8BC37; box-shadow:4px 4px 4px  
4px #C8BC37 }
```

# Background

The CSS property to change the background color of an element to Hex C8BC37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C8BC37 }
```

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

```
.background{ background-color:#C8BC37 }
```

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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