

Converting Colors

Hex(C3CB49)

Have a look what the booklet for
Hex(C3CB49) contains.

Hex(C3CB49)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C3CB49)

Conversions

Conversions Part 1

Format	Color
Hex	C3CB49
RGB	195, 203, 73
RGB Percent	76%, 80%, 29%
CMY	0.2353, 0.2039, 0.7137
CMYK	0.04, 0.00, 0.64, 0.20
HSL	64°, 56%, 54%
HSV	64°, 64%, 80%
XYZ	45.0642, 54.7950, 14.5047
YIQ	185.7880, 36.9620, -42.1260

Conversions

Conversions Part 2

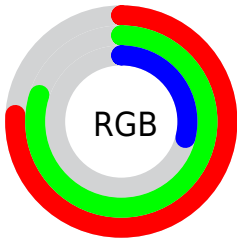
Format	Color
RYB	73, 203, 81
Decimal	12831561
CIELab	78.92, -19.27, 61.52
CIElCh	79, 64.463, 107.391
Yxy	54.7950, 0.3940, 0.4791
Android (android.graphics.Color)	4291021641 (0xFFC3CB49)
YUV	185.7880, -55.6045, 8.0789
Hunter-Lab	74.0237, -20.8739, 40.1989

Details

The Hex color **C3CB49** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **5149CB**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **FEFF80**, and **8A9505** is the 20% darker color. If you saturate the color by 10%, you get **C2CB35**, and if you desaturate by 10%, it is **C4CB5D**.

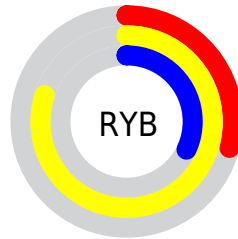
Distribution



Red (76%)

Green (80%)

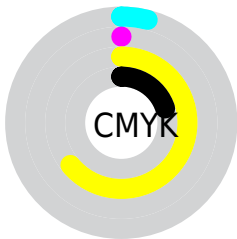
Blue (29%)



Red (29%)

Yellow (80%)

Blue (32%)

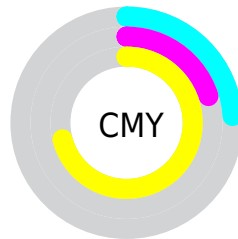


Cyan (4%)

Magenta (0%)

Yellow (64%)

Black (20%)



Cyan (24%)

Magenta (20%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color C3CB49 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 C3CB49 by changing the saturation by 10% instead.

 C3CB49

 C3CB49

FFFFFF

 A6B02C

 FEFF80

 8A9505

 FFFF9B

 6F7B00

 FFFFB7

 546300

 FFFFFD4

 394B00

 FFFFF1

 1F3400

 001F00

 000000

 C3CB49

 C3CB49

 C2CB35

 C4CB5D

 C1CB20

 C5CB72

 BFCB0C

 C7CB86

 BFCB00

 C8CB9A

 C9CBAF

 CACBC3

 CCCBD7

 CDCBEB

 CECBFF

Harmonies

Analogous

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



FAB749



C3CB49



7DD86E

Triad

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



C3CB49



00DDFF



FF91DF

Complementary

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



C3CB49



5149CB

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.



F3A5FF



C3CB49



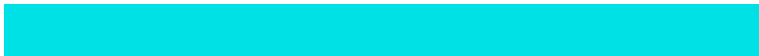
00D1FF

Square

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



C3CB49



00E1E5



99BEFF



FF8FA3

Rectangle

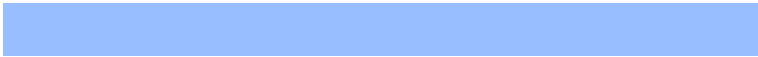
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C3CB49



30DE93



99BEFF



FF97F3

Sweetspot

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



C3CB49



FCFFCF



CB5049



7E8062



000000



808080

Same Dimension

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



C3CB49



F3FF3B



84CB49



65665C



9CA600



242600

Inverse Universe

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



5149CB



473BFF



9049CB



5C5C66



0A00A6



020026

Previews

White Background



This preview shows how the Hex color C3CB49 looks on a white background.

Color Contrast Check

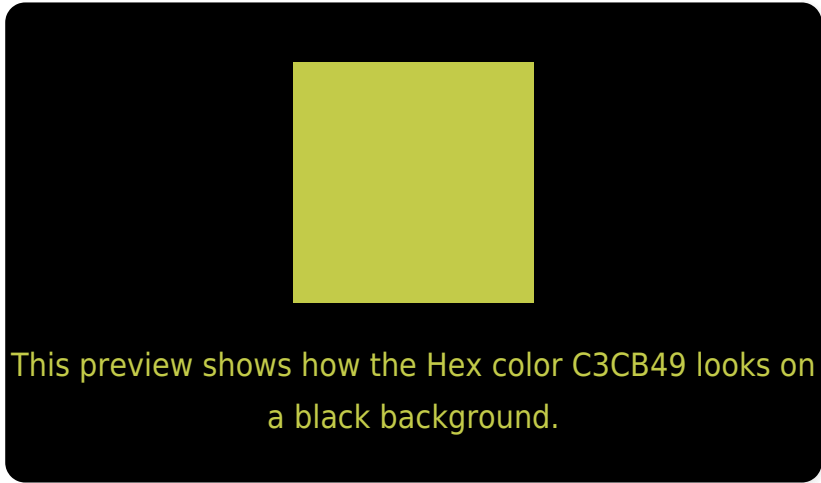
Large Text (above 18pt) WCAG AA × Fail

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 C3CB49 Background



This preview shows how black text looks on a background with the Hex color C3CB49.

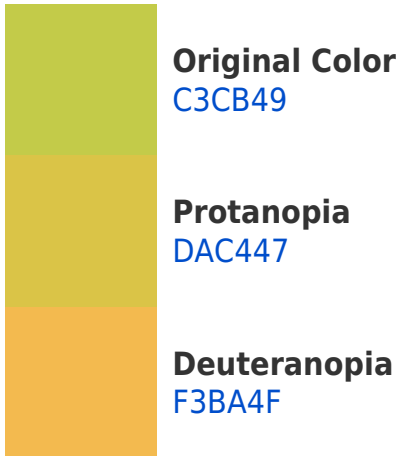


This preview shows how white text looks on a background with the Hex color C3CB49.

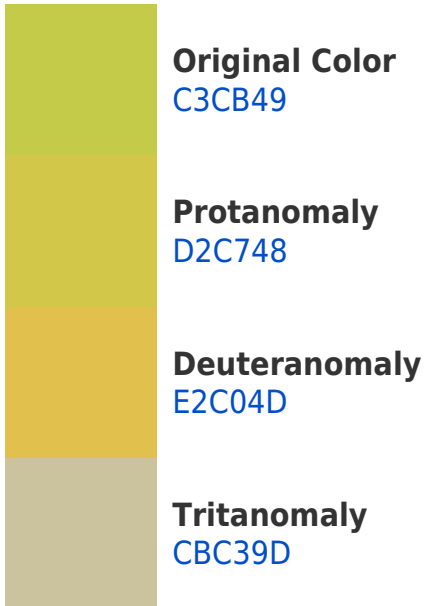
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C3CB49 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 #C3CB49 looks like.

```
.text, #text, p{  
    color:#C3CB49  
}
```

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 #C3CB49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3CB49
}
```

Border

The CSS property to change the border of an element to Hex C3CB49 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
#C3CB49 }
```

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

```
.border{ border-color:#C3CB49 }
```

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

Here you see how a box with a 4 pixel #C3CB49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3CB49; -webkit-box-shadow:4px 4px  
4px 4px #C3CB49; box-shadow:4px 4px 4px  
4px #C3CB49 }
```

Background

The CSS property to change the background color of an element to Hex C3CB49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3CB49 }
```

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

```
.background{ background-color:#C3CB49 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor