

Converting Colors

Hex(CBC03C)

Have a look what the booklet for
Hex(CBC03C) contains.

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Color

Hex(CBC03C)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | CBC03C |
| RGB | 203, 192, 60 |
| RGB Percent | 80%, 75%, 24% |
| CMY | 0.2039, 0.2471, 0.7647 |
| CMYK | 0.00, 0.05, 0.70, 0.20 |
| HSL | 55°, 58%, 52% |
| HSV | 55°, 70%, 80% |
| XYZ | 44.2938, 50.7220, 11.7308 |
| YIQ | 180.2410, 48.9280, -38.7200 |

Conversions

Conversions Part 2

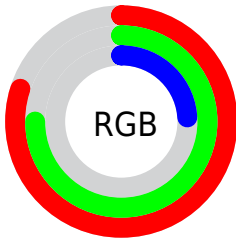
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 72, 203, 60 |
| Decimal | 13353020 |
| CIELab | 76.51, -11.10, 64.33 |
| CIELCh | 77, 65.285, 99.792 |
| Yxy | 50.7220, 0.4149, 0.4752 |
| Android (android.graphics.Color) | 4291543100 (0xFFCBC03C) |
| YUV | 180.2410, -59.2788, 19.9596 |
| Hunter-Lab | 71.2194, -13.6185, 40.0877 |

Details

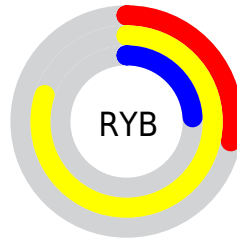
The Hex color **CBC03C** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **3C47CB**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFF873**, and **918B00** is the 20% darker color. If you saturate the color by 10%, you get **CBBE28**, and if you desaturate by 10%, it is **CBC250**.

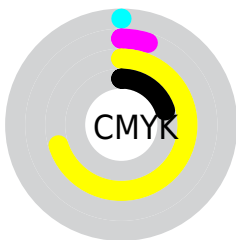
Distribution



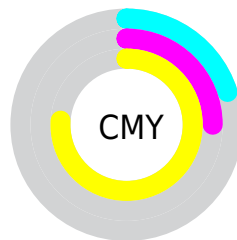
- Red (80%)
- Green (75%)
- Blue (24%)



- Red (28%)
- Yellow (80%)
- Blue (24%)



- Cyan (0%)
- Magenta (5%)
- Yellow (70%)
- Black (20%)



- Cyan (20%)
- Magenta (25%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color CBC03C 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 CBC03C by changing the saturation by 10% instead.

 CBC03C

 CBC03C

FFFFFF

 AEA51D

 FFF873

 918B00

 FFFF8F

 757200

 FFFFAB

 5A5900

 FFFFC7

 3F4200

 FFFFE4

 262C00

 081900

 000000

 CBC03C

 CBC03C

 CBBE28

 CBC250

 CBBD13

 CBC365

 CBBB00

 CBC579

 CBC68D

 CBC8A2

 CBC9B6

 CBCBCA

 CBCCDE

 CBCEF3

Harmonies

Analogous

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



FFAB48



CBC03C



8ACF5B

Triad

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



CBC03C



00D8FF



FF8DE8

Complementary

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



CBC03C



3C47CB

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.



DAA4FF



CBC03C



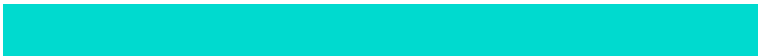
00CEFF

Square

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



CBC03C



00DACF



6EBDFE



FF86AB

Rectangle

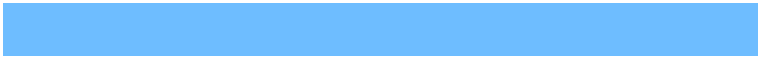
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CBC03C



4BD57D



6EBDFE



FF94FA

Sweetspot

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



CBC03C



FFFBC9



CB3C48



807D60



000000



808080

Same Dimension

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



CBC03C



FFEE26



8FCB3C



66655C



A69900



262300

Inverse Universe

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



3C47CB



2637FF



783CCB



5C5D66



000DA6



000326

Previews

White Background



This preview shows how the Hex color CBC03C looks on a white background.

Color Contrast Check

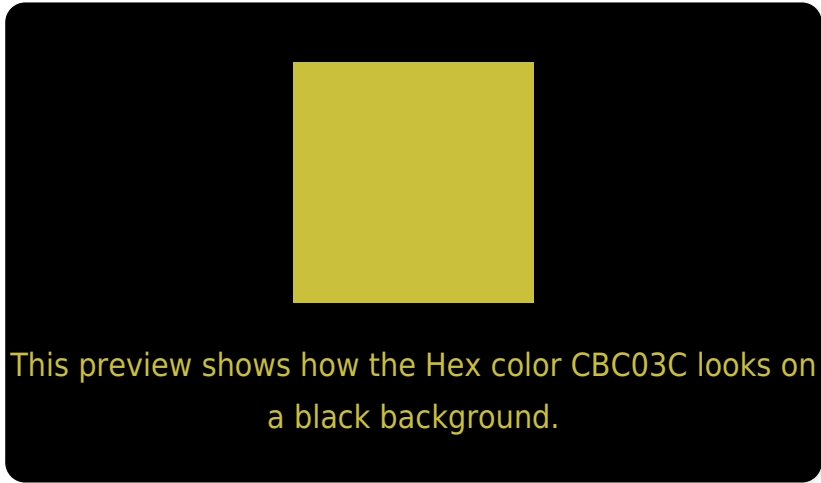
Large Text (above 18pt) WCAG AA × Fail

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 CBC03C Background



This preview shows how black text looks on a background with the Hex color CBC03C.

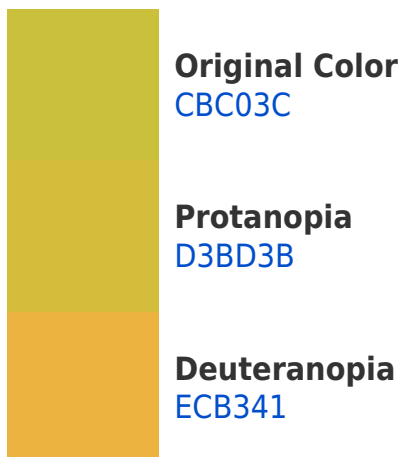


This preview shows how white text looks on a background with the Hex color CBC03C.

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](#).

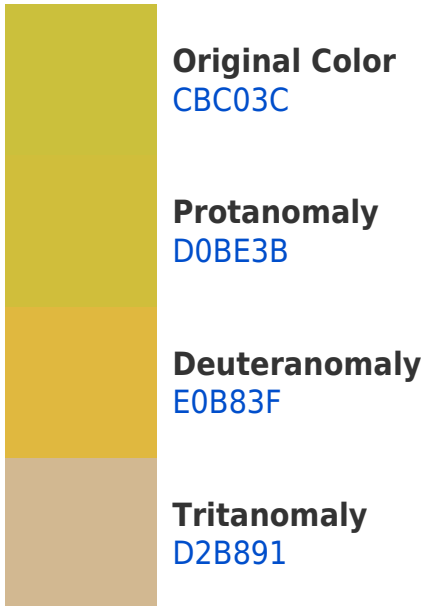
Dichromacy





Tritanopia
D6B3C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CBC03C 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 #CBC03C looks like.

```
.text, #text, p{  
    color:#CBC03C  
}
```

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 #CBC03C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBC03C
}
```

Border

The CSS property to change the border of an element to Hex CBC03C 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
#CBC03C }
```

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

```
.border{ border-color:#CBC03C }
```

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

Here you see how a box with a 4 pixel #CBC03C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBC03C; -webkit-box-shadow:4px 4px  
4px 4px #CBC03C; box-shadow:4px 4px 4px  
4px #CBC03C }
```

Background

The CSS property to change the background color of an element to Hex CBC03C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBC03C }
```

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

```
.background{ background-color:#CBC03C }
```

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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