

Converting Colors

Hex(CCB843)

Have a look what the booklet for
Hex(CCB843) contains.

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Color

Hex(CCB843)

Conversions

Conversions Part 1

Format	Color
Hex	CCB843
RGB	204, 184, 67
RGB Percent	80%, 72%, 26%
CMY	0.2000, 0.2784, 0.7373
CMYK	0.00, 0.10, 0.67, 0.20
HSL	51°, 57%, 53%
HSV	51°, 67%, 80%
XYZ	43.0554, 47.5236, 12.2139
YIQ	176.6420, 49.4770, -32.1470

Conversions

Conversions Part 2

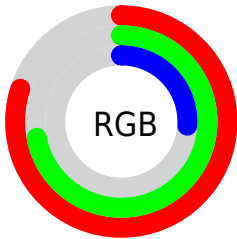
Format	Color
RYB	90, 204, 67
Decimal	13416515
CIELab	74.52, -6.19, 59.62
CIELCh	75, 59.939, 95.923
Yxy	47.5236, 0.4189, 0.4623
Android (android.graphics.Color)	4291606595 (0xFFCCB843)
YUV	176.6420, -54.0535, 23.9930
Hunter-Lab	68.9374, -9.1566, 37.7515

Details

The Hex color **CCB843** 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 **4357CC**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **FFF079**, and **928300** is the 20% darker color. If you saturate the color by 10%, you get **CCB52F**, and if you desaturate by 10%, it is **CCBB57**.

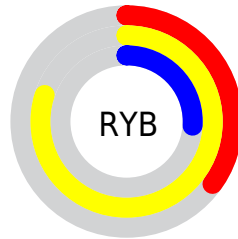
Distribution



Red (80%)

Green (72%)

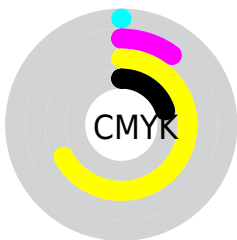
Blue (26%)



Red (35%)

Yellow (80%)

Blue (26%)

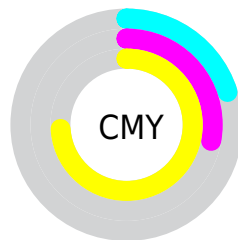


Cyan (0%)

Magenta (10%)

Yellow (67%)

Black (20%)



Cyan (20%)

Magenta (28%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCB843 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 CCB843 by changing the saturation by 10% instead.

 CCB843

 CCB843

FFFFFF

 AF9D27

 FFF079

 928300

 FFFF94

 766A00

 FFFFB0

 5C5200

 FFFFCC

 413C00

 FFFFEE9

 272600

 091200

 000000

 CCB843

 CCB843

■ CCB52F

■ CCBB57

■ CCB21A

■ CCBE6C

■ CCAF06

■ CCC180

■ CCAE00

■ CCC495

■ CCC7A9

■ CCCABD

■ CCCDD2

■ CCD0E6

■ CCD3FB

Harmonies

Analogous

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



FAA451



CCB843



92C759

Triad

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



CCB843



00D1F7



FF8FE5

Complementary

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



CCB843



4357CC

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.



C9A4FF



CCB843



00C9FF

Square

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



CCB843



00D3C1



62BAFF



FF86AF

Rectangle

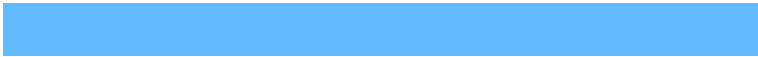
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CCB843



60CD77



62BAFF



F496F6

Sweetspot

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



CCB843



FFF8CC



CC4358



807B61



000000



808080

Same Dimension

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



CCB843



FFE130



9CCC43



66655C



A68E00



262100

Inverse Universe

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



4357CC



304FFF



7343CC



5C5D66



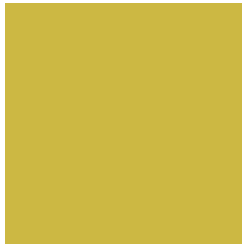
0018A6



000626

Previews

White Background



This preview shows how the Hex color CCB843 looks on a white background.

Color Contrast Check

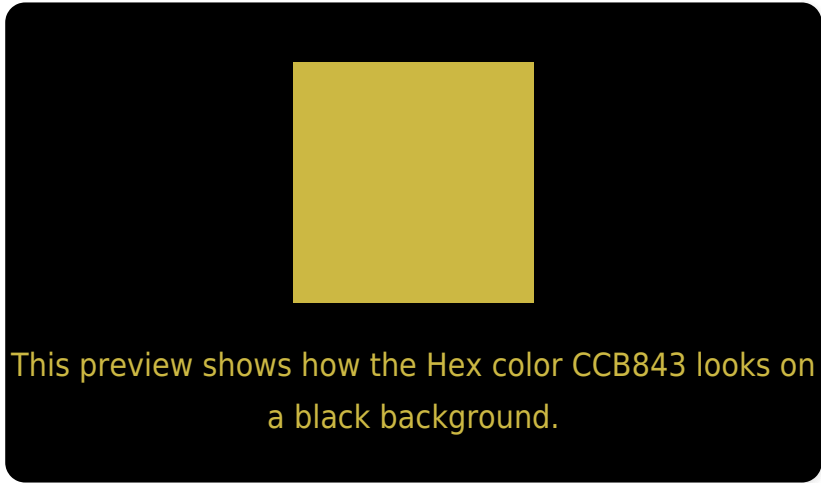
Large Text (above 18pt) WCAG AA × Fail

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 CCB843 Background



This preview shows how black text looks on a background with the Hex color CCB843.



This preview shows how white text looks on a background with the Hex color CCB843.

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
CCB843

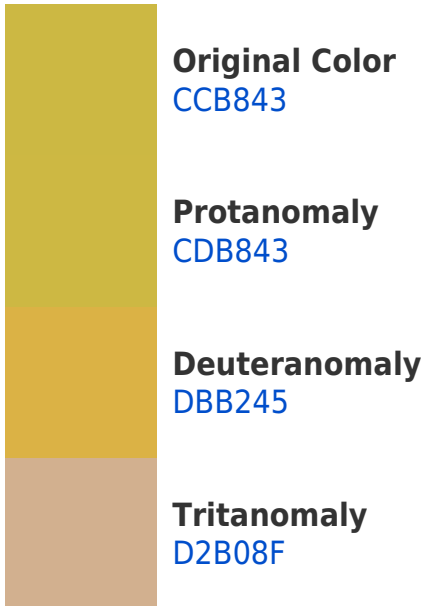
Protanopia
CDB843

Deuteranopia
E4AE46



Tritanopia
D6ACBA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CCB843 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 #CCB843 looks like.

```
.text, #text, p{  
    color:#CCB843  
}
```

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 #CCB843 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCB843  
}
```

Border

The CSS property to change the border of an element to Hex CCB843 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  
#CCB843 }
```

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

```
.border{ border-color:#CCB843 }
```

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

Here you see how a box with a 4 pixel #CCB843 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCB843; -webkit-box-shadow:4px 4px  
4px 4px #CCB843; box-shadow:4px 4px 4px  
4px #CCB843 }
```

Background

The CSS property to change the background color of an element to Hex CCB843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCB843 }
```

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

```
.background{ background-color:#CCB843 }
```

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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