

Converting Colors

Hex(CFCA2B)

Have a look what the booklet for
Hex(CFCA2B) contains.

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Color

Hex(CFCA2B)

Conversions

Conversions Part 1

Format	Color
Hex	CFCA2B
RGB	207, 202, 43
RGB Percent	81%, 79%, 17%
CMY	0.1882, 0.2078, 0.8314
CMYK	0.00, 0.02, 0.79, 0.19
HSL	58°, 66%, 49%
HSV	58°, 79%, 81%
XYZ	47.2887, 55.6809, 10.5406
YIQ	185.3690, 54.0190, -48.3890

Conversions

Conversions Part 2

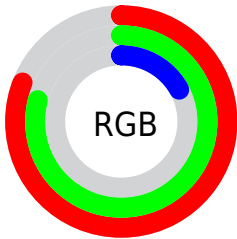
Format	Color
RYB	48, 207, 43
Decimal	13617707
CIELab	79.43, -15.15, 72.70
CIELCh	79, 74.266, 101.770
Yxy	55.6809, 0.4166, 0.4905
Android (android.graphics.Color)	4291807787 (0xFFCFCA2B)
YUV	185.3690, -70.1879, 18.9704
Hunter-Lab	74.6196, -17.4635, 43.8586

Details

The Hex color **CFCA2B** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted yellow. A complement of this color would be **2B30CF**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **FFFF67**, and **959400** is the 20% darker color. If you saturate the color by 10%, you get **CFC916**, and if you desaturate by 10%, it is **CFCB40**.

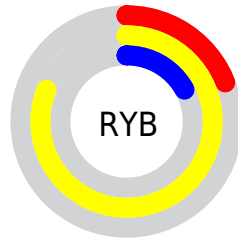
Distribution



Red (81%)

Green (79%)

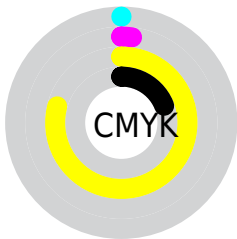
Blue (17%)



Red (19%)

Yellow (81%)

Blue (17%)

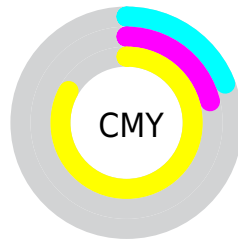


Cyan (0%)

Magenta (2%)

Yellow (79%)

Black (19%)



Cyan (19%)

Magenta (21%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color CFCA2B 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 CFCA2B by changing the saturation by 10% instead.

 CFCA2B

 CFCA2B

FFFFFF

 B2AF00

 FFFF67

 959400

 FFFF84

 787B00

 FFFFA0

 5D6200

 FFFFBD

 414A00

 FFFFDA

 273400

 FFFFF7

 0D1F00

 000000

 CFCA2B

 CFCA2B

 CFC916

 CFCB40

 CFC902

 CFCB54

 CFC900

 CFCC69

 CFCD7E

 CFCD93

 CFCEA7

 CFCEBC

 CFCFD1

 CFD0E5

Harmonies

Analogous

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



FFB239



CFCA2B



82DA56

Triad

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



CFCA2B



00E3FF



FF8BF2

Complementary

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



CFCA2B



2B30CF

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.



EBA6FF



CFCA2B



00D8FF

Square

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



CFCA2B



00E6DF



6CC3FF



FF83AC

Rectangle

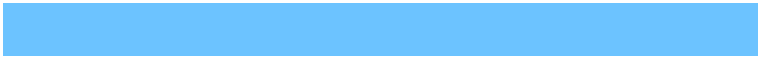
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CFA2B



23E180



6CC3FF



FF93FF

Sweetspot

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



CFCA2B



FFFDC2



CF2B30



807E5B



000000



808080

Same Dimension

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



CFCA2B



FFF80D



82CF2B



69685E



A8A300



292800

Inverse Universe

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



2B30CF



0D14FF



782BCF



5E5E69



0005A8



000129

Previews

White Background



This preview shows how the Hex color CFCA2B looks on a white background.

Color Contrast Check

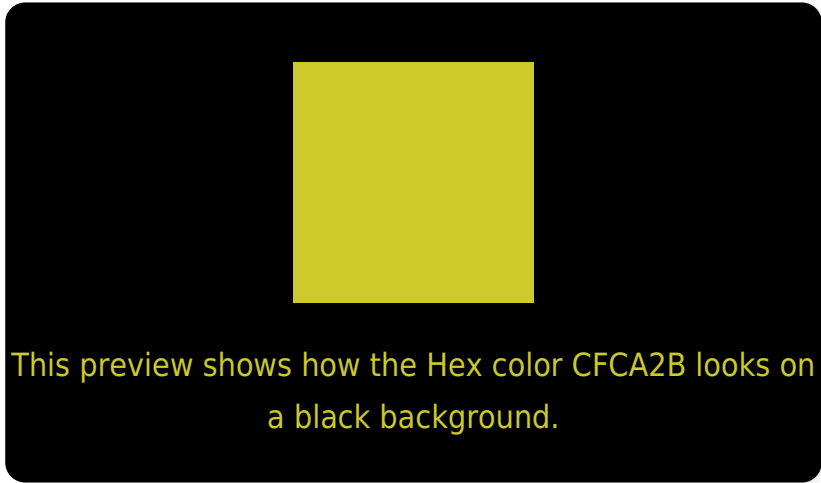
Large Text (above 18pt) WCAG AA × Fail

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 CFCA2B Background



This preview shows how black text looks on a background with the Hex color CFCA2B.



This preview shows how white text looks on a background with the Hex color CFCA2B.

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

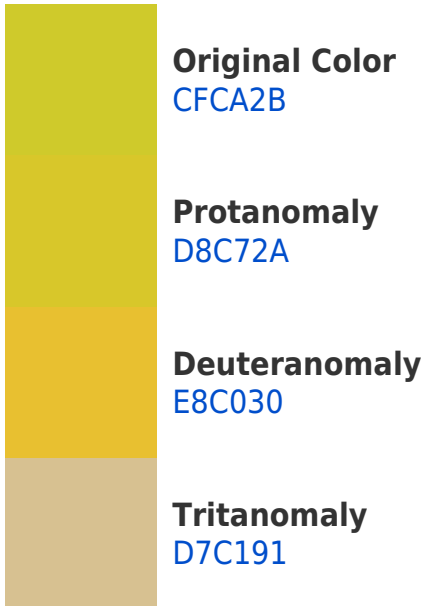


Original Color
CFCA2B

Protanopia
DDC52A

Deuteranopia
F7BB33

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CFCA2B 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 #CFCA2B looks like.

```
.text, #text, p{  
    color:#CFCA2B  
}
```

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 #CFCA2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CFCA2B
}
```

Border

The CSS property to change the border of an element to Hex CFCA2B 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
#CFCA2B }
```

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

```
.border{ border-color:#CFCA2B }
```

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

Here you see how a box with a 4 pixel #CFCA2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CFCA2B; -webkit-box-shadow:4px 4px  
4px 4px #CFCA2B; box-shadow:4px 4px 4px  
4px #CFCA2B }
```

Background

The CSS property to change the background color of an element to Hex CFCA2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CFCA2B }
```

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

```
.background{ background-color:#CFCA2B }
```

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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