

Converting Colors

Hex(CFCC22)

Have a look what the booklet for
Hex(CFCC22) contains.

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Color

Hex(CFCC22)

Conversions

Conversions Part 1

Format	Color
Hex	CFCC22
RGB	207, 204, 34
RGB Percent	81%, 80%, 13%
CMY	0.1882, 0.2000, 0.8667
CMYK	0.00, 0.01, 0.84, 0.19
HSL	59°, 72%, 47%
HSV	59°, 84%, 81%
XYZ	47.6137, 56.5666, 9.9223
YIQ	185.5170, 56.3580, -52.2340

Conversions

Conversions Part 2

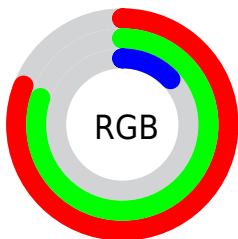
Format	Color
RYB	37, 207, 34
Decimal	13618210
CIELab	79.94, -16.41, 75.40
CIELCh	80, 77.170, 102.280
Yxy	56.5666, 0.4173, 0.4958
Android (android.graphics.Color)	4291808290 (0xFFCFCC22)
YUV	185.5170, -74.6979, 18.8406
Hunter-Lab	75.2108, -18.6158, 44.8256

Details

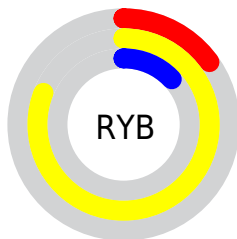
The Hex color **CFCC22** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle muted yellow. A complement of this color would be **2225CF**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **FFFF62**, and **949600** is the 20% darker color. If you saturate the color by 10%, you get **CFCC0D**, and if you desaturate by 10%, it is **CFCC37**.

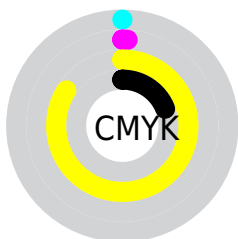
Distribution



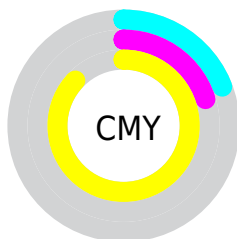
- Red (81%)
- Green (80%)
- Blue (13%)



- Red (15%)
- Yellow (81%)
- Blue (13%)



- Cyan (0%)
- Magenta (1%)
- Yellow (84%)
- Black (19%)



- Cyan (19%)
- Magenta (20%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color CFCC22 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 CFCC22 by changing the saturation by 10% instead.

 CFCC22

 CFCC22

FFFFFF

 B1B100

 FFFF62

 949600

 FFFF7E

 787C00

 FFFF9B

 5C6400

 FFFFB8

 414C00

 FFFF D5

 263500

 FFFFF3

 0C2000

 000000

 CFCC22

 CFCC22

 CFCC0D

 CFCC37

 CFCE00

 CFCD4B

 CFCD60

 CFCD75

 CFCE8A

 CFCE9E

 CFCEB3

 CFCEC8

 CFCEDC

Harmonies

Analogous

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



FFB332



CFCC22



7EDD53

Triad

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



CFCC22



00E5FF



FF88F4

Complementary

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



CFCC22



2225CF

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.



F0A6FF



CFCC22



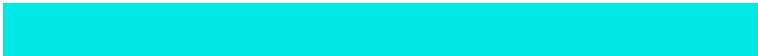
00DAFF

Square

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



CFCC22



00E8E3



69C4FF



FF81AC

Rectangle

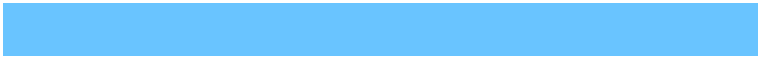
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CFCC22



00E380



69C4FF



FF91FF

Sweetspot

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



CFCC22



FFFEBF



CF2228



807F59



000000



808080

Same Dimension

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



CFCC22



FFFB00



7ECF22



69685E



A8A500



292800

Inverse Universe

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



2225CF



0004FF



7322CF



5E5E69



0003A8



000129

Previews

White Background



This preview shows how the Hex color CFCC22 looks on a white background.

Color Contrast Check

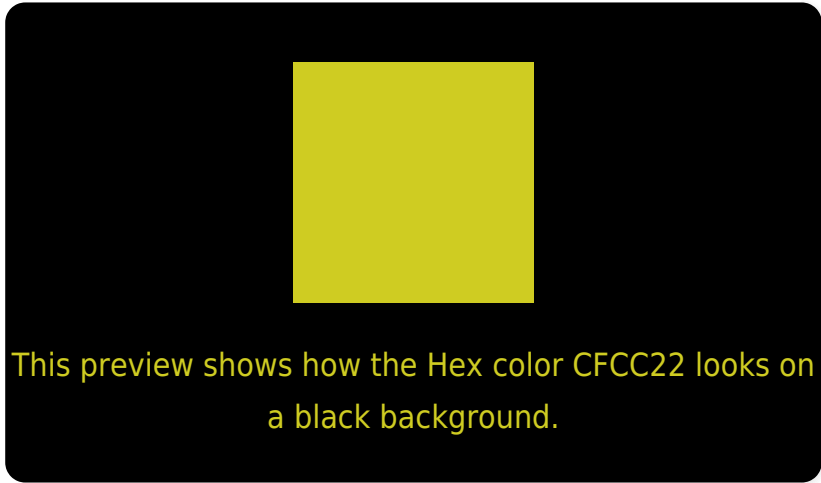
Large Text (above 18pt) WCAG AA × Fail

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 CFCC22 Background



This preview shows how black text looks on a background with the Hex color CFCC22.



This preview shows how white text looks on a background with the Hex color CFCC22.

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

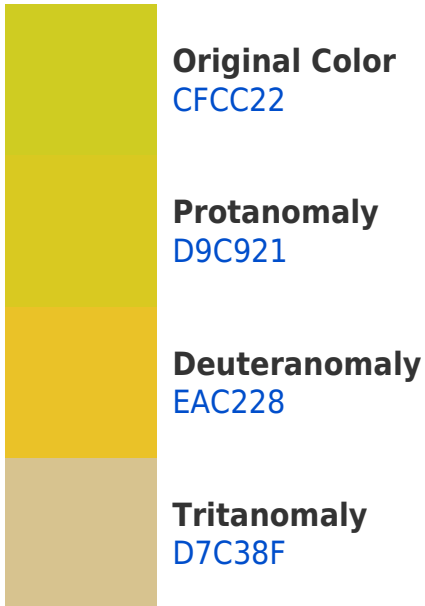


Original Color
CFCC22

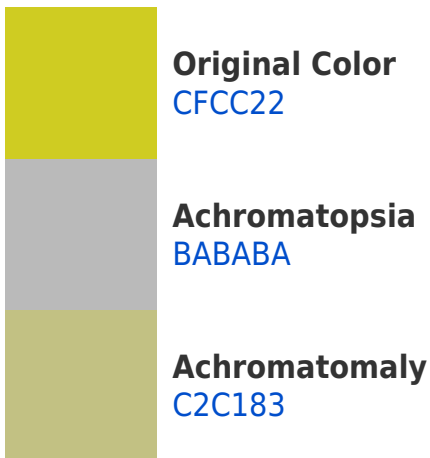
Protanopia
DFC720

Deuteranopia
F9BC2C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CFCC22 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 #CFCC22 looks like.

```
.text, #text, p{  
    color:#CFCC22  
}
```

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 #CFCC22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CFCC22
}
```

Border

The CSS property to change the border of an element to Hex CFCC22 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
#CFCC22 }
```

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

```
.border{ border-color:#CFCC22 }
```

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

Here you see how a box with a 4 pixel #CFCC22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CFCC22; -webkit-box-shadow:4px 4px  
4px 4px #CFCC22; box-shadow:4px 4px 4px  
4px #CFCC22 }
```

Background

The CSS property to change the background color of an element to Hex CFCC22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CFCC22 }
```

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

```
.background{ background-color:#CFCC22 }
```

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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