

Converting Colors

Hex(CFB83F)

Have a look what the booklet for
Hex(CFB83F) contains.

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Color

Hex(CFB83F)

Conversions

Conversions Part 1

Format	Color
Hex	CFB83F
RGB	207, 184, 63
RGB Percent	81%, 72%, 25%
CMY	0.1882, 0.2784, 0.7529
CMYK	0.00, 0.11, 0.70, 0.19
HSL	50°, 60%, 53%
HSV	50°, 70%, 81%
XYZ	43.7698, 47.9053, 11.6423
YIQ	177.0830, 52.5490, -32.7550

Conversions

Conversions Part 2

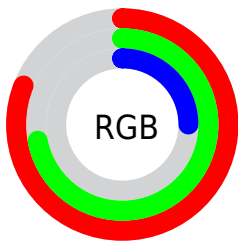
Format	Color
R _Y B	90, 207, 63
Decimal	13613119
CIE Lab	74.77, -5.12, 61.56
CIE LCh	75, 61.777, 94.750
Yxy	47.9053, 0.4236, 0.4637
Android (android.graphics.Color)	4291803199 (0xFFCFB83F)
YUV	177.0830, -56.2429, 26.2372
Hunter-Lab	69.2136, -8.2427, 38.4764

Details

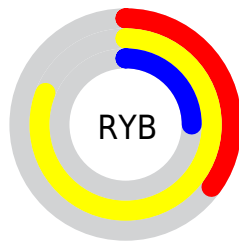
The Hex color **CFB83F** is a dark color, and the websafe version is hex **CCCC66**. The color can be described as middle muted orange. A complement of this color would be **3F56CF**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFF075**, and **958300** is the 20% darker color. If you saturate the color by 10%, you get **CFB52A**, and if you desaturate by 10%, it is **CFBB54**.

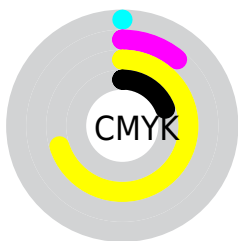
Distribution



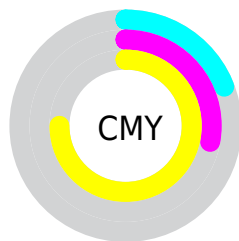
- Red (81%)
- Green (72%)
- Blue (25%)



- Red (35%)
- Yellow (81%)
- Blue (25%)



- Cyan (0%)
- Magenta (11%)
- Yellow (70%)
- Black (19%)



- Cyan (19%)
- Magenta (28%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color CFB83F 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 CFB83F by changing the saturation by 10% instead.

 CFB83F

 CFB83F

FFFFFF

 B29D22

 FFF075

 958300

 FFFF91

 796A00

 FFFFAC

 5E5200

 FFFFC9

 433C00

 FFFFEE

 292600

 0D1200

 000000

 CFB83F

 CFB83F

 CFB52A

 CFBB54

 CFB116

 CFBF68

 CFAE01

 CFC27D

 CFAE00

 CFC592

 CFC9A7

 CFCCBB

 CFCFD0

 CFD2E5

 CFD6F9

Harmonies

Analogous

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



FEA350



CFB83F



94C755

Triad

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



CFB83F



00D2F7



FF8FEA

Complementary

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



CFB83F



3F56CF

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.



C7A5FF



CFB83F



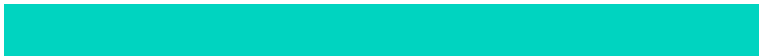
00CBFF

Square

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



CFB83F



00D4C0



56BBFF



FF85B1

Rectangle

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



CFB83F



61CE73



56BBFF



F496FA

Sweetspot

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



CFB83F



FFF6C9



CF3F57



807A60



000000



808080

Same Dimension

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



CFB83F



FFDD2B



9FCF3F



69675E



A88D00



292200

Inverse Universe

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



3F56CF



2B4DFF



6F3FCF



5E6069



001BA8



000729

Previews

White Background



This preview shows how the Hex color CFB83F looks on a white background.

Color Contrast Check

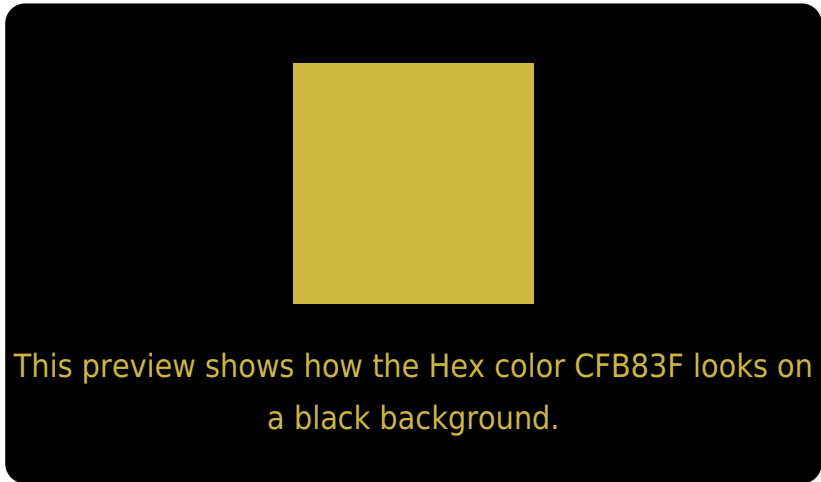
Large Text (above 18pt) WCAG AA × Fail

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 CFB83F Background



This preview shows how black text looks on a background with the Hex color CFB83F.

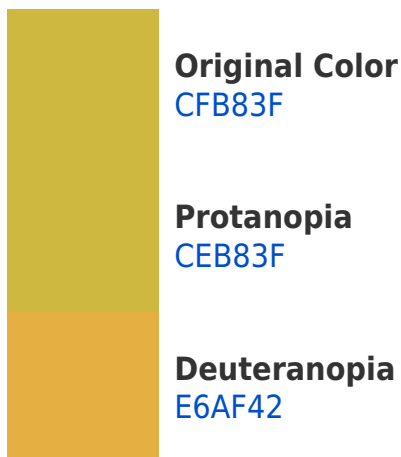


This preview shows how white text looks on a background with the Hex color CFB83F.

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
D9ACB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CFB83F 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 #CFB83F looks like.

```
.text, #text, p{  
    color:#CFB83F  
}
```

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 #CFB83F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CFB83F
}
```

Border

The CSS property to change the border of an element to Hex CFB83F 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
#CFB83F }
```

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

```
.border{ border-color:#CFB83F }
```

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

Here you see how a box with a 4 pixel #CFB83F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CFB83F; -webkit-box-shadow:4px 4px  
4px 4px #CFB83F; box-shadow:4px 4px 4px  
4px #CFB83F }
```

Background

The CSS property to change the background color of an element to Hex CFB83F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CFB83F }
```

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

```
.background{ background-color:#CFB83F }
```

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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