

# Converting Colors

Hex(CFB003)

Have a look what the booklet for  
Hex(CFB003) contains.

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**Color**

**Hex(CFB003)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CFB003
RGB	207, 176, 3
RGB Percent	81%, 69%, 1%
CMY	0.1882, 0.3098, 0.9882
CMYK	0.00, 0.15, 0.99, 0.19
HSL	51°, 97%, 41%
HSV	51°, 99%, 81%
XYZ	41.2739, 44.3226, 6.4659
YIQ	165.5470, 74.0090, -47.2310

# Conversions

## Conversions Part 2

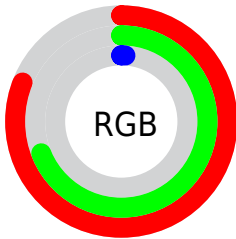
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">40, 207, 3</a>
Decimal	<a href="#">13611011</a>
CIELab	<a href="#">72.44, -2.59, 74.46</a>
CIELCh	<a href="#">72, 74.506, 91.994</a>
Yxy	<a href="#">44.3226, 0.4483, 0.4814</a>
Android (android.graphics.Color)	<a href="#">4291801091 (0xFFCFB003)</a>
YUV	<a href="#">165.5470, -80.1357, 36.3543</a>
Hunter-Lab	<a href="#">66.5753, -5.8441, 40.8443</a>

# Details

The Hex color **CFB003** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **0322CF**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFE750**, and **947C00** is the 20% darker color. If you saturate the color by 10%, you get **CFB000**, and if you desaturate by 10%, it is **CFB318**.

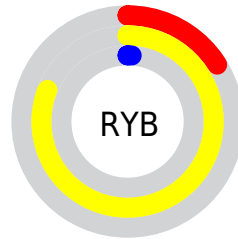
# Distribution



Red (81%)

Green (69%)

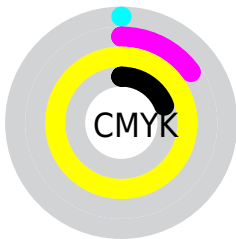
Blue (1%)



Red (16%)

Yellow (81%)

Blue (1%)

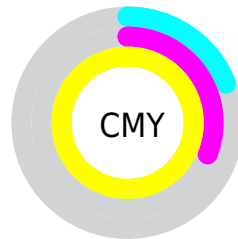


Cyan (0%)

Magenta (15%)

Yellow (99%)

Black (19%)



Cyan (19%)

Magenta (31%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CFB003 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 CFB003 by changing the saturation by 10% instead.



 CFB003

 CFB003

FFFFFF

 B19600

 FFE750

 947C00

 FFFF6D

 776300

 FFFF89

 5B4C00

 FFFFA6

 403600

 FFFFC2

 272100

 FFFFEO

 070B00

 FFFFFD

 000000

 CFB003

 CFB003

■ CFB000

■ CFB318

■ CFB62C

■ CFB941

■ CFBD56

■ CFC06A

■ CFC37F

■ CFC694

■ CFC9A9

■ CFCCBD

# Harmonies

## Analogous

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



FF9634



CFB003



8AC22F

# Triad

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



CFB003



00D1F8



FF7FF3

# Complementary

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



CFB003



0322CF

# 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.



B79DFF



CFB003



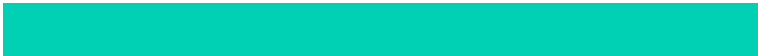
00C9FF

# Square

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



CFB003



00D1B4



00B8FF



FF6DB0

# Rectangle

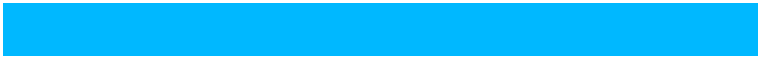
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CFB003



47CA58



00B8FF



F289FF



# Sweetspot

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



CFB003



FFF3B3



CF0325



807952



000000



808080



# Same Dimension

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



CFB003



FFD800



8BCF03



69675E



A88F00



292300



# Inverse Universe

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



0322CF



0027FF



4703CF



5E6069



001AA8

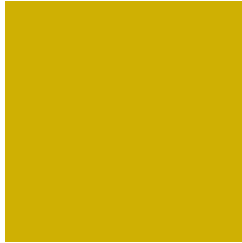


000629



# Previews

## White Background



This preview shows how the Hex color CFB003 looks on a white background.

## Color Contrast Check

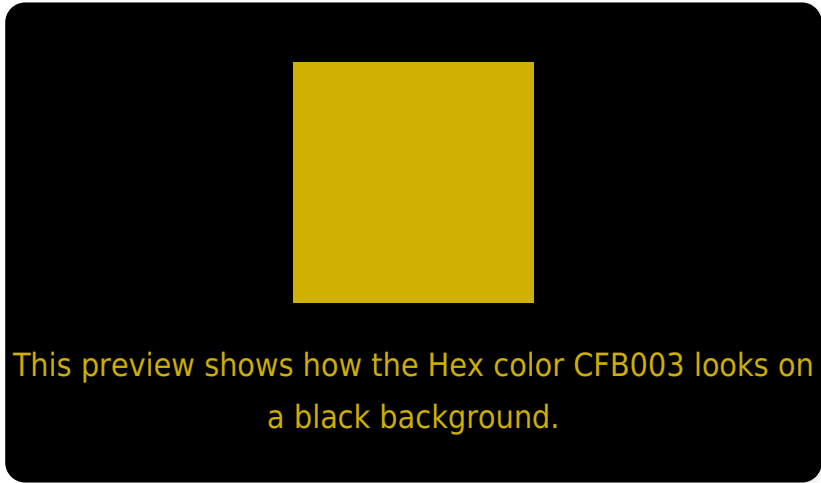
Large Text (above 18pt) WCAG AA × Fail

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 CFB003 Background



This preview shows how black text looks on a background with the Hex color CFB003.

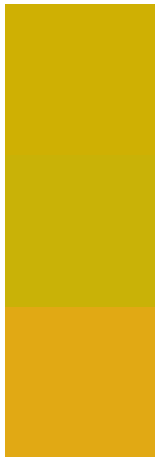


This preview shows how white text looks on a background with the Hex color CFB003.

# 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**  
CFB003

**Protanopia**  
C9B207

**Deuteranopia**  
E1A914

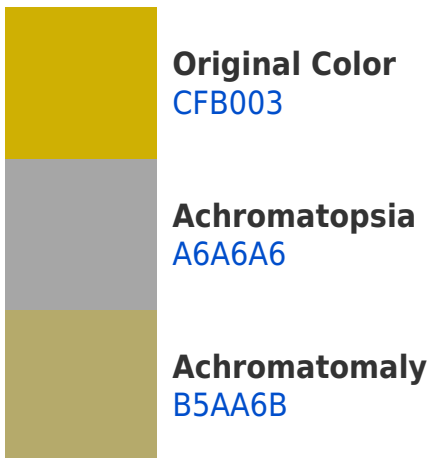


**Tritanopia**  
D9A4B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CFB003 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 #CFB003 looks like.

```
.text, #text, p{  
    color:#CFB003  
}
```

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 #CFB003 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CFB003
}
```

## Border

The CSS property to change the border of an element to Hex CFB003 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
#CFB003 }
```

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

```
.border{ border-color:#CFB003 }
```

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

Here you see how a box with a 4 pixel #CFB003 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CFB003; -webkit-box-shadow:4px 4px  
4px 4px #CFB003; box-shadow:4px 4px 4px  
4px #CFB003 }
```

# Background

The CSS property to change the background color of an element to Hex CFB003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CFB003 }
```

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

```
.background{ background-color:#CFB003 }
```

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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