

# Converting Colors

Hex(CFBD57)

Have a look what the booklet for  
Hex(CFBD57) contains.

|  |    |
|--|----|
| <b>Hex(CFBD57)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# **Color**

**Hex(CFBD57)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | CFBD57                      |
| RGB         | 207, 189, 87                |
| RGB Percent | 81%, 74%, 34%               |
| CMY         | 0.1882, 0.2588, 0.6588      |
| CMYK        | 0.00, 0.09, 0.58, 0.19      |
| HSL         | 51°, 56%, 58%               |
| HSV         | 51°, 58%, 81%               |
| XYZ         | 45.6500, 50.3487, 16.3291   |
| YIQ         | 182.7540, 43.4700, -27.9060 |

# Conversions

## Conversions Part 2

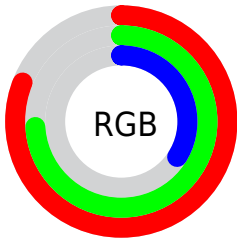
| Format   | Color                                       |
|--|---|
| <a href="#">RYB</a>                                  | <a href="#">108, 207, 87</a>                |
| Decimal  | <a href="#">13614423</a>                    |
| <a href="#">CIELab</a>                               | <a href="#">76.28, -6.21, 52.85</a>         |
| <a href="#">CIELCh</a>                               | <a href="#">76, 53.213, 96.697</a>          |
| <a href="#">Yxy</a>                                  | <a href="#">50.3487, 0.4064, 0.4482</a>     |
| <a href="#">Android<br/>(android.graphics.Color)</a> | <a href="#">4291804503<br/>(0xFFCFBD57)</a> |
| <a href="#">YUV</a>                                  | <a href="#">182.7540, -47.2067, 21.2637</a> |
| <a href="#">Hunter-Lab</a>                           | <a href="#">70.9568, -9.3366, 36.0255</a>   |

# Details

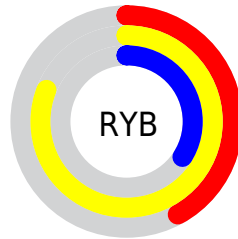
The Hex color **CFBD57** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **5769CF**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **FFF58C**, and **968822** is the 20% darker color. If you saturate the color by 10%, you get **CFBA42**, and if you desaturate by 10%, it is **CFC06C**.

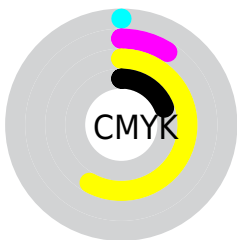
# Distribution



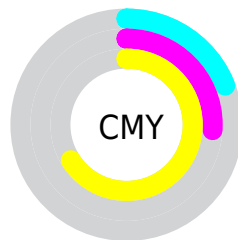
- Red (81%)
- Green (74%)
- Blue (34%)



- Red (42%)
- Yellow (81%)
- Blue (34%)



- Cyan (0%)
- Magenta (9%)
- Yellow (58%)
- Black (19%)



- Cyan (19%)
- Magenta (26%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CFBD57 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 CFBD57 by changing the saturation by 10% instead.



 CFBD57

 CFBD57

FFFFFF

 B2A23D

 FFF58C

 968822

 FFFFA7

 7A6F00

 FFFFC3


 5F5700

 FFFFEO

 454000

FFFFFFD

 2C2A00

 111600

 000000

 CFBD57

 CFBD57

 CFBA42

 CFC06C

 CFB72E

 CFC380

 CFB419

 CFC695

 CFB104

 CFC9AA

 CFB000

 CFCDBF

 CFD0D3

 CFD3E8

 CFD6FD

 CFD9FF

# Harmonies

## Analogous

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



F9AC62



CFBD57



9BCA6A

# Triad

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



CFBD57



00D3F5



FF9AE4

# Complementary

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



CFBD57



5769CF

# 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.



CFABFF



CFBD57



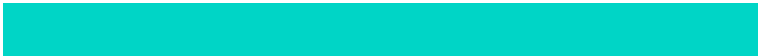
00CCFF

# Square

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



CFBD57



00D5C6



7DBEFF



FF93B3

# Rectangle

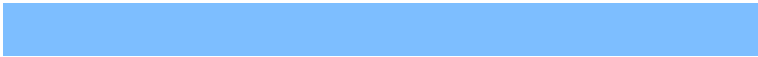
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CFBD57



71D084



7DBEFF



F49FF3



# Sweetspot

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



CFBD57



FFF8D4



CF5769



807C66



000000



808080



# Same Dimension

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



CFBD57



FFE44D



A5CF57



69675E



A88F00



292300



# Inverse Universe

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



5769CF



4D67FF



8157CF



5E6069



0019A8



000629



# Previews

## White Background



This preview shows how the Hex color CFBD57 looks on a white background.

## Color Contrast Check

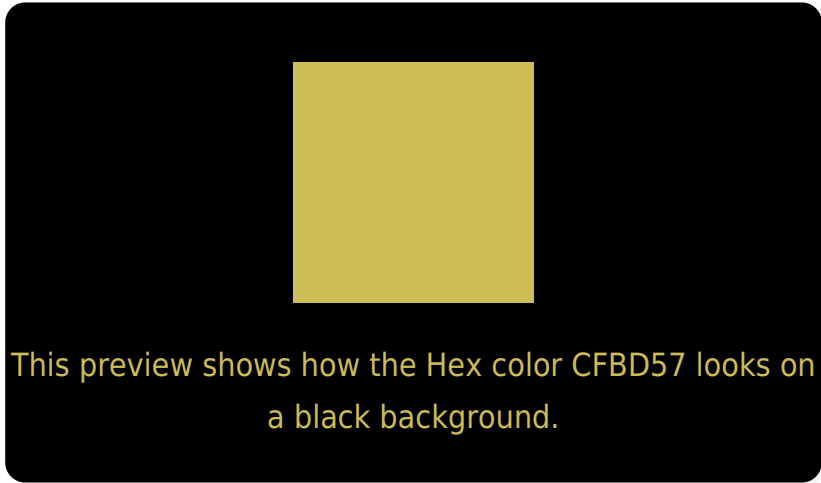
Large Text (above 18pt) WCAG AA × Fail

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 CFBD57 Background



This preview shows how black text looks on a background with the Hex color CFBD57.

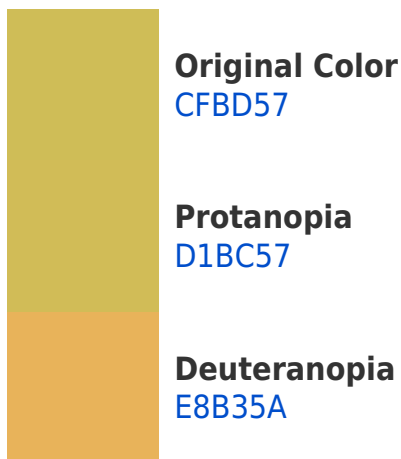


This preview shows how white text looks on a background with the Hex color CFBD57.

# 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**  
D9B2C0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CFBD57 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 #CFBD57 looks like.

```
.text, #text, p{  
    color:#CFBD57  
}
```

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 #CFBD57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CFBD57
}
```

## Border

The CSS property to change the border of an element to Hex CFBD57 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
#CFBD57 }
```

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

```
.border{ border-color:#CFBD57 }
```

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

Here you see how a box with a 4 pixel #CFBD57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CFBD57; -webkit-box-shadow:4px 4px  
4px 4px #CFBD57; box-shadow:4px 4px 4px  
4px #CFBD57 }
```

# Background

The CSS property to change the background color of an element to Hex CFBD57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CFBD57 }
```

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

```
.background{ background-color:#CFBD57 }
```

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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