

# Converting Colors

Hex(CFB999)

Have a look what the booklet for  
Hex(CFB999) contains.

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**Color**

**Hex(CFB999)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CFB999
RGB	207, 185, 153
RGB Percent	81%, 73%, 60%
CMY	0.1882, 0.2745, 0.4000
CMYK	0.00, 0.11, 0.26, 0.19
HSL	36°, 36%, 71%
HSV	36°, 26%, 81%
XYZ	48.8309, 50.2632, 37.2651
YIQ	187.9300, 23.3840, -5.2880

# Conversions

## Conversions Part 2

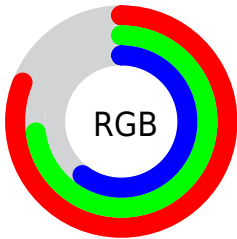
Format	Color
<a href="#">RYB</a>	<a href="#">190, 207, 153</a>
Decimal	<a href="#">13613465</a>
CIELab	<a href="#">76.23, 2.91, 19.12</a>
CIElCh	<a href="#">76, 19.341, 81.343</a>
Yxy	<a href="#">50.2632, 0.3581, 0.3686</a>
Android (android.graphics.Color)	<a href="#">4291803545 (0xFFCFB999)</a>
YUV	<a href="#">187.9300, -17.2205, 16.7244</a>
Hunter-Lab	<a href="#">70.8966, -1.1250, 18.4632</a>

# Details

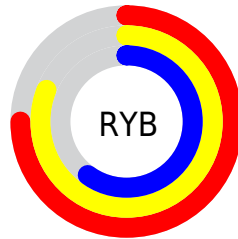
The Hex color **CFB999** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **99AFCF**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **FFF1CF**, and **988466** is the 20% darker color. If you saturate the color by 10%, you get **CFB184**, and if you desaturate by 10%, it is **CFC1AE**.

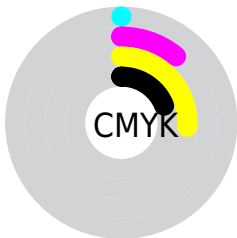
# Distribution



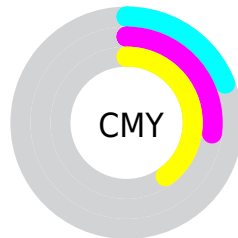
- Red (81%)
- Green (73%)
- Blue (60%)



- Red (75%)
- Yellow (81%)
- Blue (60%)



- Cyan (0%)
- Magenta (11%)
- Yellow (26%)
- Black (19%)



- Cyan (19%)
- Magenta (27%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CFB999 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 CFB999 by changing the saturation by 10% instead.





CFB999



CFB999

FFFFFF



B39E7F



FFF1CF



988466



FFFEC



7E6B4E



645337



4B3C21



34260B



1E1200



000000



CFB999



CFB999

 CFB184

 CFC1AE

 CFA870

 CFCAC2

 CFA05B

 CFD2D7

 CF9746

 CFDBEC

 CF8F31

 CFE3FF

 CF861D

 CFECFF

 CF7E08

 CFF4FF

 CF7B00

 CFFCFF

 CFFFFF

# Harmonies

## Analogous

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



DCB3A1



CFB999



BCBF9B

# Triad

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



CFB999



8CC6C8



CEB3D2

# Complementary

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



CFB999



99AFCF

# 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.



B9B9DD



CFB999



90C4D7

# Square

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



CFB999



96C6B6



A1BDFD



DDB0C2

# Rectangle

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



CFB999



AFC2A1



A1BFDF



C8B5D7

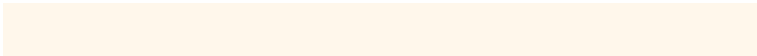


# Sweetspot

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



CFB999



FFF7EB



CF99AF



807A73



000000



808080



# Same Dimension

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



CFB999



FFDFB0



CBCF99



69645E



A86400



291800



# Inverse Universe

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



99AFCF



B0D0FF



9E99CF



5E6269



0045A8

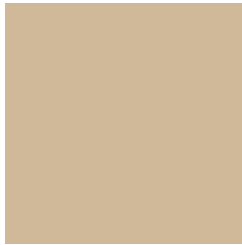


001129



# Previews

## White Background



This preview shows how the Hex color CFB999 looks on a white background.

## Color Contrast Check

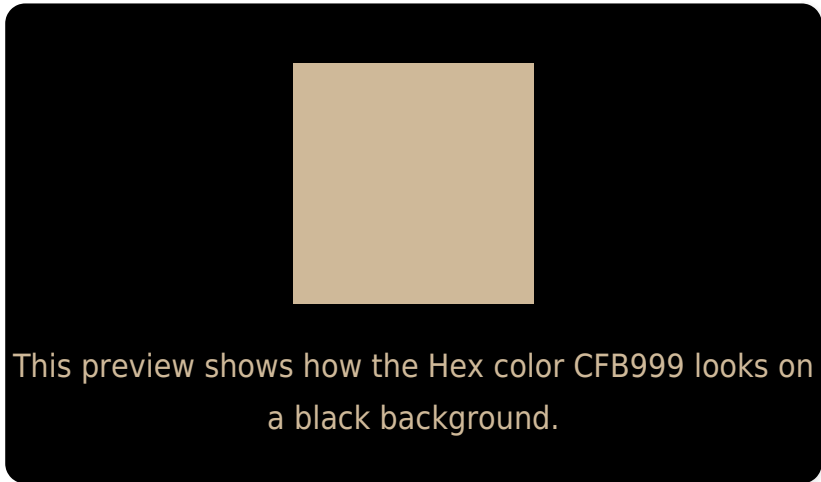
Large Text (above 18pt) WCAG AA × Fail

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

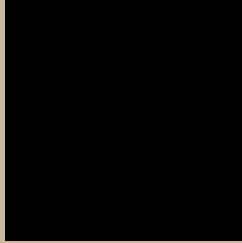
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CFB999 Background



This preview shows how black text looks on a background with the Hex color CFB999.



This preview shows how white text looks on a background with the Hex color CFB999.

# 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**  
D4B3C1

# Trichromacy



**Original Color**  
CFB999

**Protanomaly**  
CABB9A

**Deuteranomaly**  
D6B69A

**Tritanomaly**  
D2B5B2

# Monochromacy



**Original Color**  
CFB999

**Achromatopsia**  
BCBCBC

**Achromatomaly**  
C3BBAF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CFB999 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 #CFB999 looks like.

```
.text, #text, p{  
    color:#CFB999  
}
```

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 #CFB999 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CFB999  
}
```

## Border

The CSS property to change the border of an element to Hex CFB999 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  
#CFB999 }
```

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

```
.border{ border-color:#CFB999 }
```

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

Here you see how a box with a 4 pixel #CFB999 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CFB999; -webkit-box-shadow:4px 4px  
4px 4px #CFB999; box-shadow:4px 4px 4px  
4px #CFB999 }
```

# Background

The CSS property to change the background color of an element to Hex CFB999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CFB999 }
```

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

```
.background{ background-color:#CFB999 }
```

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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