

# Converting Colors

Hex(CFC796)

Have a look what the booklet for  
Hex(CFC796) contains.

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# **Color**

**Hex(CFC796)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CFC796
RGB	207, 199, 150
RGB Percent	81%, 78%, 59%
CMY	0.1882, 0.2196, 0.4118
CMYK	0.00, 0.04, 0.28, 0.19
HSL	52°, 37%, 70%
HSV	52°, 28%, 81%
XYZ	51.6606, 56.3143, 37.0011
YIQ	195.8060, 20.4970, -13.5430

# Conversions

## Conversions Part 2

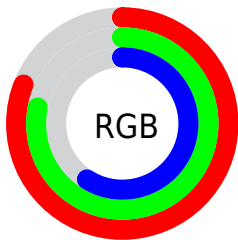
Format	Color
<a href="#">RYB</a>	<a href="#">159, 207, 150</a>
Decimal	<a href="#">13617046</a>
CIELab	<a href="#">79.79, -4.85, 25.59</a>
CIELCh	<a href="#">80, 26.048, 100.733</a>
Yxy	<a href="#">56.3143, 0.3563, 0.3884</a>
Android (android.graphics.Color)	<a href="#">4291807126</a> ( <a href="#">0xFFCFC796</a> )
YUV	<a href="#">195.8060, -22.5824, 9.8171</a>
Hunter-Lab	<a href="#">75.0428, -8.4429, 23.2961</a>

# Details

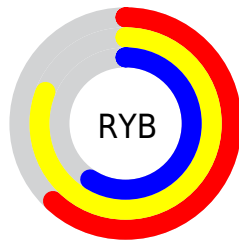
The Hex color **CFC796** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **969ECF**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **FFFCC**, and **989163** is the 20% darker color. If you saturate the color by 10%, you get **CFC481**, and if you desaturate by 10%, it is **CFCAAB**.

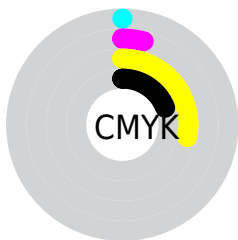
# Distribution



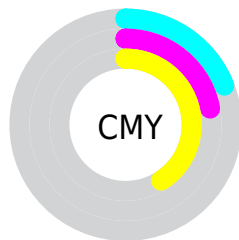
- Red (81%)
- Green (78%)
- Blue (59%)



- Red (62%)
- Yellow (81%)
- Blue (59%)



- Cyan (0%)
- Magenta (4%)
- Yellow (28%)
- Black (19%)



- Cyan (19%)
- Magenta (22%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CFC796 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 CFC796 by changing the saturation by 10% instead.





CFC796



CFC796

FFFFFF



B3AC7C



FFFCC



989163



FFFEE9



7E784B



645F33



4B471D



343106



1E1C00



000000



CFC796



CFC796

 CFC481

 CFCAAB

 CFC16D

 CFCDBF

 CFBE58

 CFD0D4

 CFBB43

 CFD3E9

 CFB82F

 CFD6FE

 CFB61A

 CFD8FF

 CFB305

 CFDBFF

 CFB200

 CFDEFF

 CFE1FF

# Harmonies

## Analogous

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



E6BF99



CFC796



B4CEA0

# Triad

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



CFC796



82D2E5



ECB6D6

# Complementary

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



CFC796



969ECF

# 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.



D5BDEB



CFC796



95CDF3

# Square

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



CFC796



84D4CE



B5C5F5



F7B4BE

# Rectangle

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



CFC796



A1D1AD



B5C5F5



E6B8DE



# Sweetspot

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



CFC796



FFFCEB



CF969F



807E73



000000



808080

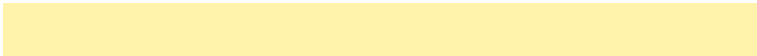


# Same Dimension

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



CFC796



FFF3AB



BBCF96



69675E



A89100



292300



# Inverse Universe

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



969ECF



ABB7FF



AA96CF



5E6069



0018A8

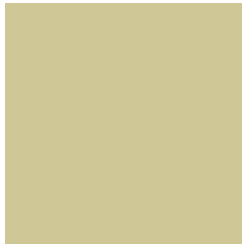


000629



# Previews

## White Background



This preview shows how the Hex color CFC796 looks on a white background.

## Color Contrast Check

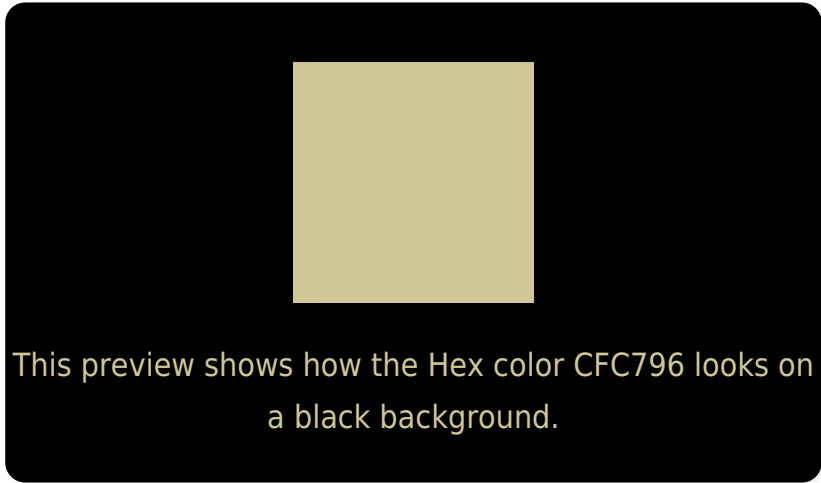
Large Text (above 18pt) WCAG AA × Fail

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

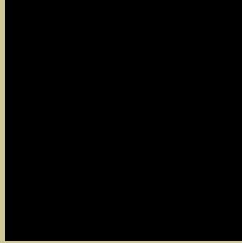
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

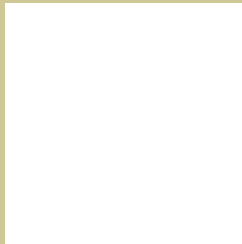
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CFC796 Background



This preview shows how black text looks on a background with the Hex color CFC796.

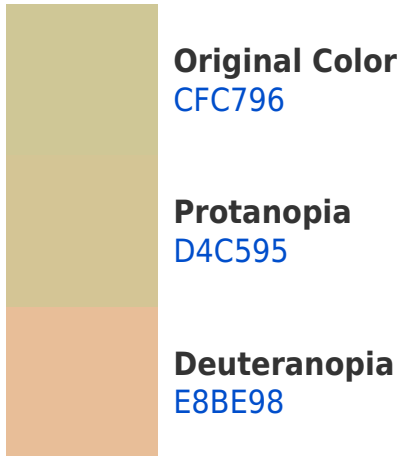


This preview shows how white text looks on a background with the Hex color CFC796.

# 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](#).

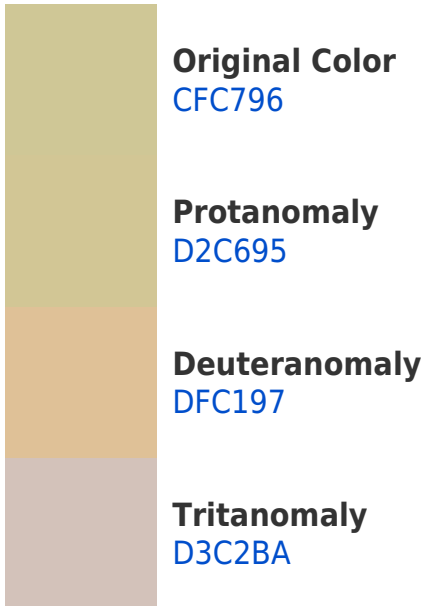
## Dichromacy





**Tritanopia**  
D6BFCF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CFC796 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 #CFC796 looks like.

```
.text, #text, p{  
    color:#CFC796  
}
```

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 #CFC796 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CFC796
}
```

## Border

The CSS property to change the border of an element to Hex CFC796 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
#CFC796 }
```

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

```
.border{ border-color:#CFC796 }
```

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

Here you see how a box with a 4 pixel #CFC796 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CFC796; -webkit-box-shadow:4px 4px  
4px 4px #CFC796; box-shadow:4px 4px 4px  
4px #CFC796 }
```

# Background

The CSS property to change the background color of an element to Hex CFC796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CFC796 }
```

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

```
.background{ background-color:#CFC796 }
```

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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