

# Converting Colors

Hex(CFA896)

Have a look what the booklet for  
Hex(CFA896) contains.

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# **Color**

**Hex(CFA896)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CFA896
RGB	207, 168, 150
RGB Percent	81%, 66%, 59%
CMY	0.1882, 0.3412, 0.4118
CMYK	0.00, 0.19, 0.28, 0.19
HSL	19°, 37%, 70%
HSV	19°, 28%, 81%
XYZ	45.2398, 43.4727, 34.8608
YIQ	177.6090, 29.0220, 2.6700

# Conversions

## Conversions Part 2

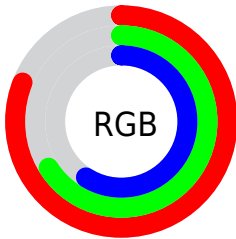
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	207, 176, 150
Decimal	13609110
CIE <sub>Lab</sub>	71.87, 11.62, 14.69
CIE <sub>LCh</sub>	72, 18.726, 51.650
Yxy	43.4727, 0.3661, 0.3518
Android (android.graphics.Color)	4291799190 (0xFFCFA896)
YUV	177.6090, -13.6112, 25.7759
Hunter-Lab	65.9338, 7.0917, 14.8056

# Details

The Hex color **CFA896** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **96BDCF**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFDFCC**, and **987463** is the 20% darker color. If you saturate the color by 10%, you get **CF9A81**, and if you desaturate by 10%, it is **CFB6AB**.

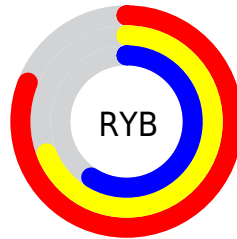
# Distribution



Red (81%)

Green (66%)

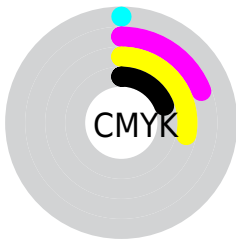
Blue (59%)



Red (81%)

Yellow (69%)

Blue (59%)

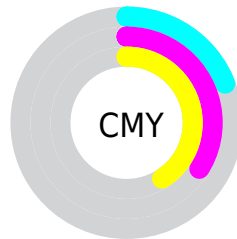


Cyan (0%)

Magenta (19%)

Yellow (28%)

Black (19%)



Cyan (19%)

Magenta (34%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CFA896 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 CFA896 by changing the saturation by 10% instead.



 CFA896

 CFA896

FFFFFF

 B38E7C

 FFDFCC

 987463

 FFFCE8

 7D5B4B

 634435

 4B2D1F

 331808

 1D0000

 000000

 CFA896

 CFA896

 CF9A81

 CFB6AB

 CF8C6D

 CFC4BF

 CF7E58

 CFD2D4

 CF6F43

 CFE1E9

 CF612F

 CFEEFE

 CF531A

 CFFDFF

 CF4505

 CFFFFFF

 CF4100

# Harmonies

## Analogous

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



D4A5A4



CFA896



C2AD8F

# Triad

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



CFA896



8BBAAB



ADADD0

# Complementary

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



CFA896



96BDCF

# 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.



97B3D2



CFA896



82BABC

# Square

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



CFA896



9DB79B



86B8CA



C2A8C6

# Rectangle

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



CFA896



B7B18F



86B8CA



A5AFD1



# Sweetspot

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



CFA896



FFF1EB



CF96BE



807773



000000



808080



# Same Dimension

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



CFA896



FFC5AB



CFC496



69615E



A83500



290D00

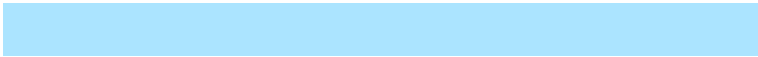


# Inverse Universe

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



96BDCF



ABE4FF



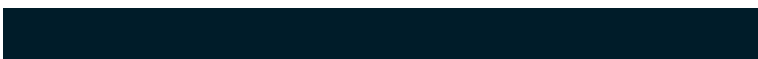
96A1CF



5E6569



0073A8



001C29



# Previews

## White Background



This preview shows how the Hex color CFA896 looks on a white background.

## Color Contrast Check

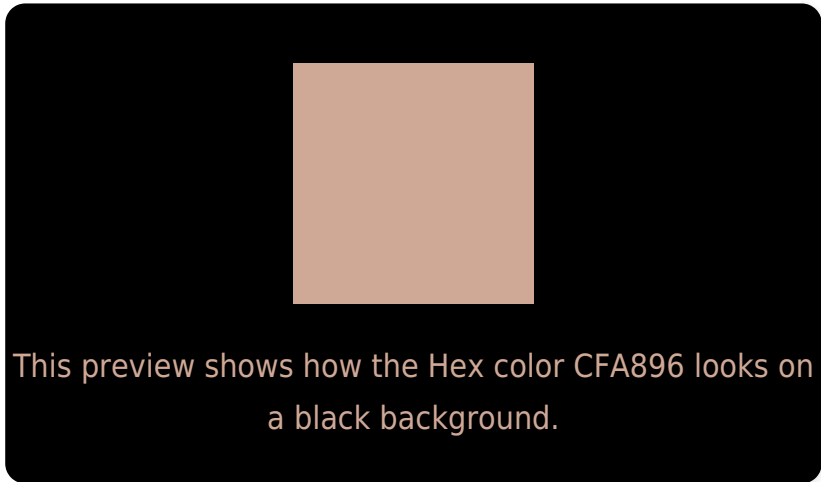
Large Text (above 18pt) WCAG AA × Fail

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 CFA896 Background



This preview shows how black text looks on a background with the Hex color CFA896.



This preview shows how white text looks on a background with the Hex color CFA896.

# 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**  
D2A4B1

# Trichromacy



**Original Color**  
CFA896

**Protanomaly**  
C1AD99

**Deuteranomaly**  
CCA996

**Tritanomaly**  
D1A5A7

# Monochromacy



**Original Color**  
CFA896

**Achromatopsia**  
B2B2B2

**Achromatomaly**  
BD4EA8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CFA896 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 #CFA896 looks like.

```
.text, #text, p{  
    color:#CFA896  
}
```

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 #CFA896 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CFA896
}
```

## Border

The CSS property to change the border of an element to Hex CFA896 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
#CFA896 }
```

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

```
.border{ border-color:#CFA896 }
```

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

Here you see how a box with a 4 pixel #CFA896 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CFA896; -webkit-box-shadow:4px 4px  
4px 4px #CFA896; box-shadow:4px 4px 4px  
4px #CFA896 }
```

# Background

The CSS property to change the background color of an element to Hex CFA896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CFA896 }
```

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

```
.background{ background-color:#CFA896 }
```

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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