

# Converting Colors

Hex(CCB696)

Have a look what the booklet for  
Hex(CCB696) contains.

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**Color**

**Hex(CCB696)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CCB696
RGB	204, 182, 150
RGB Percent	80%, 71%, 59%
CMY	0.2000, 0.2863, 0.4118
CMYK	0.00, 0.11, 0.26, 0.20
HSL	36°, 35%, 69%
HSV	36°, 26%, 80%
XYZ	47.1348, 48.4953, 35.7304
YIQ	184.9300, 23.3840, -5.2880

# Conversions

## Conversions Part 2

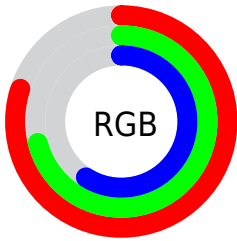
Format	Color
<a href="#">RYB</a>	<a href="#">187, 204, 150</a>
Decimal	<a href="#">13416086</a>
CIELab	<a href="#">75.14, 2.94, 19.18</a>
CIELCh	<a href="#">75, 19.405, 81.295</a>
Yxy	<a href="#">48.4953, 0.3588, 0.3692</a>
Android (android.graphics.Color)	<a href="#">4291606166 (0xFFCCB696)</a>
YUV	<a href="#">184.9300, -17.2205, 16.7244</a>
Hunter-Lab	<a href="#">69.6385, -1.0498, 18.3262</a>

# Details

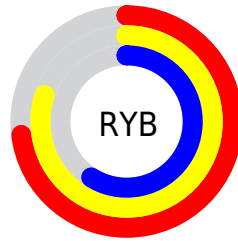
The Hex color **CCB696** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **96ACCC**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **FFEECC**, and **958163** is the 20% darker color. If you saturate the color by 10%, you get **CCA8E2**, and if you desaturate by 10%, it is **CCBEAA**.

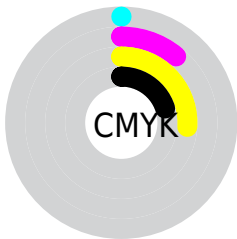
# Distribution



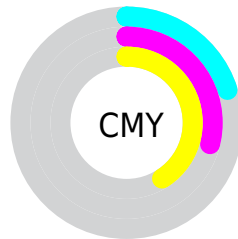
- Red (80%)
- Green (71%)
- Blue (59%)



- Red (73%)
- Yellow (80%)
- Blue (59%)



- Cyan (0%)
- Magenta (11%)
- Yellow (26%)
- Black (20%)



- Cyan (20%)
- Magenta (29%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CCB696 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 CCB696 by changing the saturation by 10% instead.



 CCB696

 CCB696

FFFFFF

 B09B7C

 FFEECC

 958163

 FFFF8

 7B684B

 615034

 49391E

 322407

 1B0F00

 000000

 CCB696

 CCB696

 CCAE82

 CCBEAA

 CCA56D

 CCC7BF

 CC9D59

 CCCFD3

 CC9544

 CCD7E8

 CC8C30

 CCE0FC

 CC841C

 CCE8FF

 CC7C07

 CCF0FF

 CC7900

 CCF8FF

 CCFFFF

# Harmonies

## Analogous

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



D9B09E



CCB696



B9BC98

# Triad

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



CCB696



89C3C5



CBB0D0

# Complementary

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



CCB696



96ACCC

# 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.



B6B6DA



CCB696



8DC1D4

# Square

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



CCB696



93C3B3



9EBCDC



DAADB6

# Rectangle

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



CCB696



ACBF9E



9EBCDC



C5B2D4

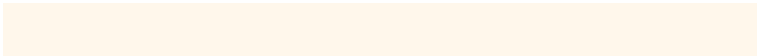


# Sweetspot

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



CCB696



FFF7EB



CC96AC



807A73



000000



808080



# Same Dimension

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



CCB696



FFDEAD



C8CC96



66625C



A66200



261700



# Inverse Universe

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



96ACCC



ADCFFF



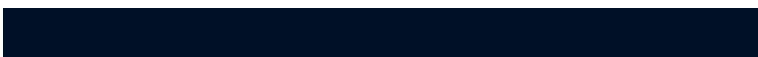
9B96CC



5C6066



0044A6

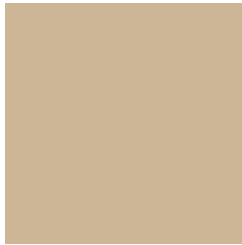


001026



# Previews

## White Background



This preview shows how the Hex color CCB696 looks on a white background.

## Color Contrast Check

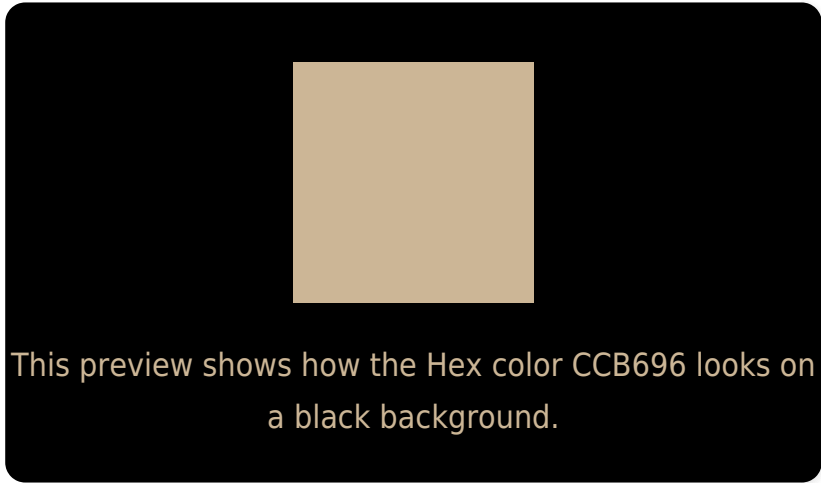
Large Text (above 18pt) WCAG AA × Fail

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

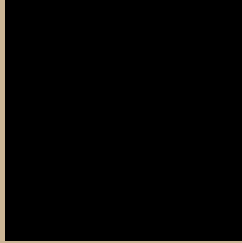
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CCB696 Background



This preview shows how black text looks on a background with the Hex color CCB696.



This preview shows how white text looks on a background with the Hex color CCB696.

# 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**  
D1B0BE

# Trichromacy



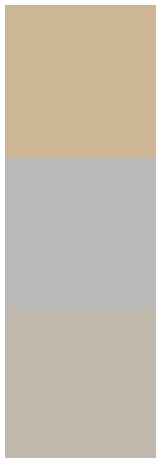
**Original Color**  
CCB696

**Protanomaly**  
C7B897

**Deuteranomaly**  
D3B397

**Tritanomaly**  
CFB2AF

# Monochromacy



**Original Color**  
CCB696

**Achromatopsia**  
B9B9B9

**Achromatomaly**  
C0B8AC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CCB696 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 #CCB696 looks like.

```
.text, #text, p{  
    color:#CCB696  
}
```

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 #CCB696 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCB696
}
```

## Border

The CSS property to change the border of an element to Hex CCB696 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
#CCB696 }
```

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

```
.border{ border-color:#CCB696 }
```

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

Here you see how a box with a 4 pixel #CCB696 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCB696; -webkit-box-shadow:4px 4px  
4px 4px #CCB696; box-shadow:4px 4px 4px  
4px #CCB696 }
```

# Background

The CSS property to change the background color of an element to Hex CCB696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCB696 }
```

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

```
.background{ background-color:#CCB696 }
```

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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