

# Converting Colors

Hex(CCB994)

Have a look what the booklet for  
Hex(CCB994) contains.

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**Color**

**Hex(CCB994)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CCB994
RGB	204, 185, 148
RGB Percent	80%, 73%, 58%
CMY	0.2000, 0.2745, 0.4196
CMYK	0.00, 0.09, 0.27, 0.20
HSL	40°, 35%, 69%
HSV	40°, 27%, 80%
XYZ	47.5961, 49.6734, 35.0963
YIQ	186.4630, 23.2010, -7.4790

# Conversions

## Conversions Part 2

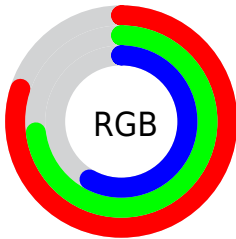
Format	Color
<b>RYB</b>	177, 204, 148
Decimal	13416852
CIELab	75.87, 1.07, 21.26
CIELCh	76, 21.291, 87.125
Yxy	49.6734, 0.3596, 0.3753
Android (android.graphics.Color)	4291606932 (0xFFCCB994)
YUV	186.4630, -18.9623, 15.3799
Hunter-Lab	70.4794, -2.7943, 19.8112

# Details

The Hex color **CCB994** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **94A7CC**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **FFF1CA**, and **958461** is the 20% darker color. If you saturate the color by 10%, you get **CCB280**, and if you desaturate by 10%, it is **CCC0A8**.

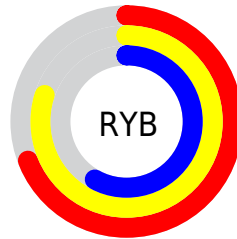
# Distribution



Red (80%)

Green (73%)

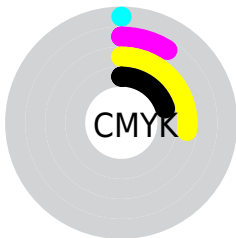
Blue (58%)



Red (69%)

Yellow (80%)

Blue (58%)

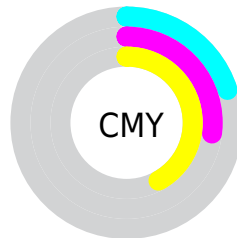


Cyan (0%)

Magenta (9%)

Yellow (27%)

Black (20%)



Cyan (20%)

Magenta (27%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CCB994 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 CCB994 by changing the saturation by 10% instead.





CCB994



CCB994

FFFFFF



B09E7A



FFF1CA



958461



FFFFE6



7B6B49



615332



493C1C



322605



1B1200



000000



CCB994



CCB994

 CCB280

 CCC0A8

 CCAB6B

 CCC7BD

 CCA457

 CCCED1

 CC9D42

 CCD5E6

 CC962E

 CCDCFA

 CC8F1A

 CCE3FF

 CC8905

 CCE9FF

 CC8700

 CCF0FF

 CCF7FF

# Harmonies

## Analogous

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



DCB39B



CCB994



B7BF98

# Triad

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



CCB994



85C6CC



D3B1D1

# Complementary

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



CCB994



94A7CC

# 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.



BCB7DE



CCB994



8DC3DB

# Square

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



CCB994



8EC6B8



A2BDE2



E1ADBE

# Rectangle

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



CCB994



A8C3A0



A2BDE2



CCB2D6

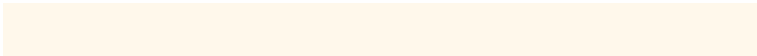


# Sweetspot

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



CCB994



FFF8EB



CC94A8



807B73



000000



808080



# Same Dimension

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



CCB994



FFE2AB



C4CC94



66635C



A66E00



261900



# Inverse Universe

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



94A7CC



ABC7FF



9C94CC



5C5F66



0038A6

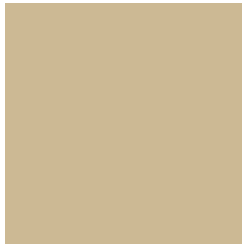


000D26



# Previews

## White Background



This preview shows how the Hex color CCB994 looks on a white background.

## Color Contrast Check

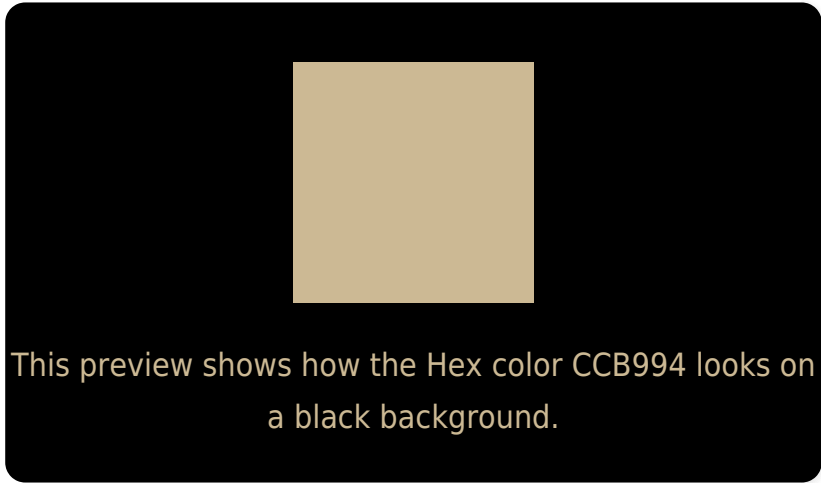
Large Text (above 18pt) WCAG AA × Fail

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

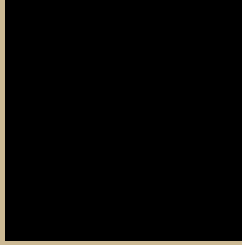
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CCB994 Background



This preview shows how black text looks on a background with the Hex color CCB994.

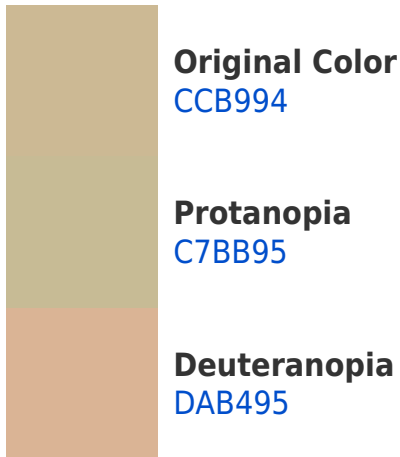


This preview shows how white text looks on a background with the Hex color CCB994.

# 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](#).

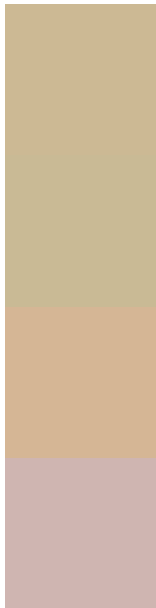
## Dichromacy





**Tritanopia**  
D1B3C1

# Trichromacy



**Original Color**  
CCB994

**Protanomaly**  
C9BA95

**Deuteranomaly**  
D5B695

**Tritanomaly**  
CFB5B1

# Monochromacy



**Original Color**  
CCB994

**Achromatopsia**  
BABABA

**Achromatomaly**  
C1BAAC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CCB994 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 #CCB994 looks like.

```
.text, #text, p{  
    color:#CCB994  
}
```

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 #CCB994 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCB994
}
```

## Border

The CSS property to change the border of an element to Hex CCB994 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
#CCB994 }
```

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

```
.border{ border-color:#CCB994 }
```

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

Here you see how a box with a 4 pixel #CCB994 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCB994; -webkit-box-shadow:4px 4px  
4px 4px #CCB994; box-shadow:4px 4px 4px  
4px #CCB994 }
```

# Background

The CSS property to change the background color of an element to Hex CCB994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCB994 }
```

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

```
.background{ background-color:#CCB994 }
```

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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