

# Converting Colors

Hex(CCBF84)

Have a look what the booklet for  
Hex(CCBF84) contains.

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# **Color**

**Hex(CCBF84)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | CCBF84                      |
| RGB         | 204, 191, 132               |
| RGB Percent | 80%, 75%, 52%               |
| CMY         | 0.2000, 0.2510, 0.4824      |
| CMYK        | 0.00, 0.06, 0.35, 0.20      |
| HSL         | 49°, 41%, 66%               |
| HSV         | 49°, 35%, 80%               |
| XYZ         | 47.6975, 51.7649, 29.3075   |
| YIQ         | 188.1610, 26.6870, -15.5930 |

# Conversions

## Conversions Part 2

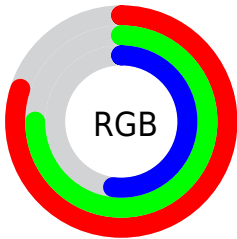
| Format                              | Color   |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">148, 204, 132</a>                   |
| Decimal                             | <a href="#">13418372</a>                        |
| CIELab                              | <a href="#">77.14, -4.13, 31.45</a>             |
| CIElCh                              | <a href="#">77, 31.724, 97.484</a>              |
| Yxy                                 | <a href="#">51.7649, 0.3704,<br/>0.4020</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4291608452<br/>(0xFFCCBF84)</a>     |
| YUV                                 | <a href="#">188.1610, -27.6874,<br/>13.8908</a> |
| Hunter-Lab                          | <a href="#">71.9478, -7.5729,<br/>26.2121</a>   |

# Details

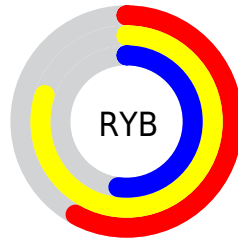
The Hex color **CCBF84** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **8491CC**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **FFF7BA**, and **958A52** is the 20% darker color. If you saturate the color by 10%, you get **CCBB70**, and if you desaturate by 10%, it is **CCC398**.

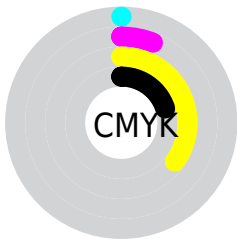
# Distribution



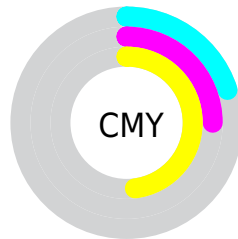
- Red (80%)
- Green (75%)
- Blue (52%)



- Red (58%)
- Yellow (80%)
- Blue (52%)



- Cyan (0%)
- Magenta (6%)
- Yellow (35%)
- Black (20%)



- Cyan (20%)
- Magenta (25%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CCBF84 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 CCBF84 by changing the saturation by 10% instead.





CCBF84



CCBF84

FFFFFF



B0A46A



FFF7BA



958A52



FFFFD5



7A703A



FFFFF2



605823



47410B



302B00



181700



000000



CCBF84



CCBF84

 CCBB70

 CCC398

 CCB85B

 CCC6AD

 CCB447

 CCCAC1

 CCB032

 CCCED6

 CCAD1E

 CCD1EA

 CCA90A

 CCD5FE

 CCA700

 CCD9FF

 CCDCFF

 CCE0FF

# Harmonies

## Analogous

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



E6B589



CCBF84



ACC78F

# Triad

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



CCBF84



62CDE1



EAACD6

# Complementary

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



CCBF84



8491CC

# 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.



CCB4ED



CCBF84



7AC8F4

# Square

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



CCBF84



6CCFC5



A3BFF8



F9A9B8

# Rectangle

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



CCBF84



95CB9E



A3BFF8



E2AEDE



# Sweetspot

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



CCBF84



FFFAE3



CC8491



807D6F



000000



808080



# Same Dimension

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



CCBF84



FFEC94



B5CC84



66645C



A68800



261F00



# Inverse Universe

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



8491CC



94A7FF



9B84CC



5C5E66



001EA6

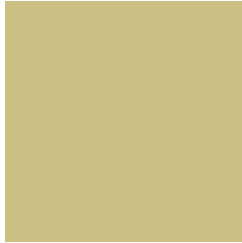


000726



# Previews

## White Background



This preview shows how the Hex color CCBF84 looks on a white background.

## Color Contrast Check

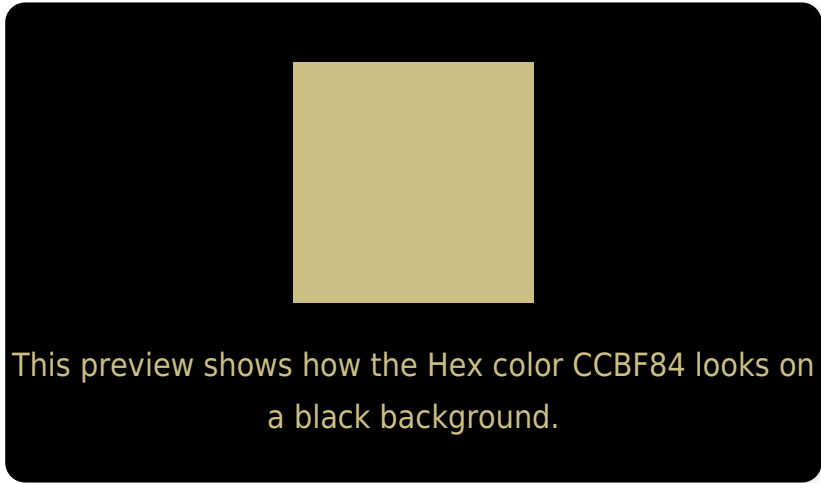
Large Text (above 18pt) WCAG AA × Fail

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

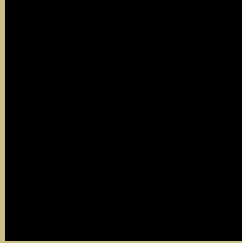
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CCBF84 Background



This preview shows how black text looks on a background with the Hex color CCBF84.



This preview shows how white text looks on a background with the Hex color CCBF84.

# 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



**Original Color**  
CCBF84

**Protanopia**  
CEBE84

**Deuteranopia**  
E3B686



**Tritanopia**  
D3B7C5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CCBF84 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 #CCBF84 looks like.

```
.text, #text, p{  
    color:#CCBF84  
}
```

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 #CCBF84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCBF84
}
```

## Border

The CSS property to change the border of an element to Hex CCBF84 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
#CCBF84 }
```

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

```
.border{ border-color:#CCBF84 }
```

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

Here you see how a box with a 4 pixel #CCBF84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCBF84; -webkit-box-shadow:4px 4px  
4px 4px #CCBF84; box-shadow:4px 4px 4px  
4px #CCBF84 }
```

# Background

The CSS property to change the background color of an element to Hex CCBF84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCBF84 }
```

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

```
.background{ background-color:#CCBF84 }
```

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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