

# Converting Colors

Hex(CBC87E)

Have a look what the booklet for  
Hex(CBC87E) contains.

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# **Color**

**Hex(CBC87E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CBC87E
RGB	203, 200, 126
RGB Percent	80%, 78%, 49%
CMY	0.2039, 0.2157, 0.5059
CMYK	0.00, 0.01, 0.38, 0.20
HSL	58°, 43%, 65%
HSV	58°, 38%, 80%
XYZ	49.0488, 55.5114, 27.8683
YIQ	192.4610, 25.5420, -22.3780

# Conversions

## Conversions Part 2

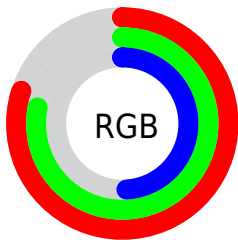
<b>Format</b>	<b>Color</b>
<b>RYB</b>	129, 203, 126
Decimal	13355134
CIELab	79.33, -9.88, 37.39
CIElCh	79, 38.669, 104.796
Yxy	55.5114, 0.3704, 0.4192
Android (android.graphics.Color)	4291545214 (0xFFCBC87E)
YUV	192.4610, -32.7653, 9.2427
Hunter-Lab	74.5060, -12.8754, 29.9773

# Details

The Hex color **CBC87E** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **7E81CB**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **FFFFB4**, and **94924B** is the 20% darker color. If you saturate the color by 10%, you get **CBC76A**, and if you desaturate by 10%, it is **CBC992**.

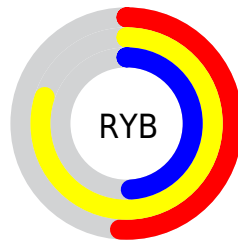
# Distribution



Red (80%)

Green (78%)

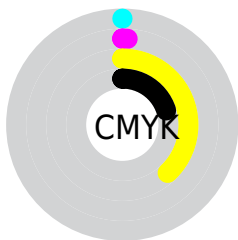
Blue (49%)



Red (51%)

Yellow (80%)

Blue (49%)

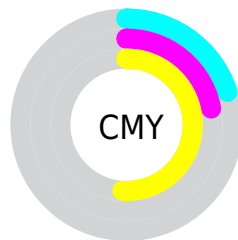


Cyan (0%)

Magenta (1%)

Yellow (38%)

Black (20%)



Cyan (20%)

Magenta (22%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CBC87E 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 CBC87E by changing the saturation by 10% instead.



 CBC87E

FFFFFF

 FFFFFB4

 FFFFCF

 FFFFEC

 CBC87E

 AFAD64


 94924B

 797933

 5F601B

 464801

 2E3200

 161D00

 000000

 CBC87E

 CBC87E

 CBC76A

 CBC992

 CBC655

 CBCAA7

 CBC641

 CBCABB

 CBC52D

 CBCBCF

 CBC419

 CBCCE4

 CBC304

 CBCDF8

 CBC300

 CBCEFF

 CBCFFF

# Harmonies

## Analogous

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



EDBC7F



CBC87E



A3D190

# Triad

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



CBC87E



45D5F6



FFABD8

# Complementary

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



CBC87E



7E81CB

# 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.



DFB5F8



CBC87E



74CDFF

# Square

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



CBC87E



4CD8D6



AEC2FF



FFA9B4

# Rectangle

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



CBC87E



85D5A5



AEC2FF



F7AEE4



# Sweetspot

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



CBC87E



FFFE3



CB7E82



807F6F



000000



808080



# Same Dimension

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



CBC87E



FFFA8A



A8CB7E



66665C



A69F00



262500



# Inverse Universe

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



7E81CB



8A8EFF



A17ECB



5C5C66



0006A6



000126



# Previews

## White Background



This preview shows how the Hex color CBC87E looks on a white background.

## Color Contrast Check

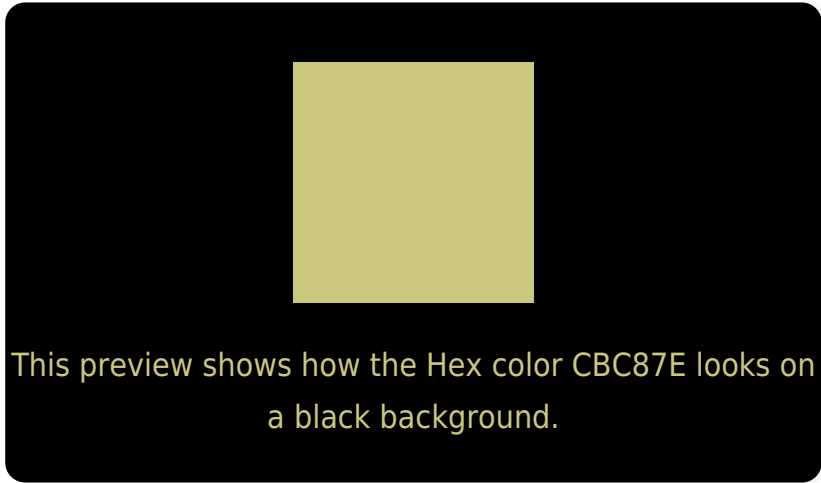
Large Text (above 18pt) WCAG AA × Fail

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

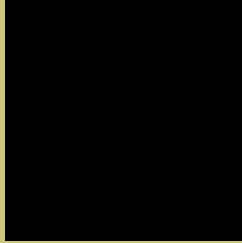
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CBC87E Background



This preview shows how black text looks on a background with the Hex color CBC87E.

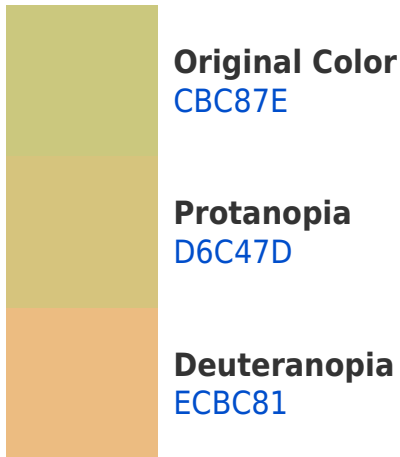


This preview shows how white text looks on a background with the Hex color CBC87E.

# 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](#).

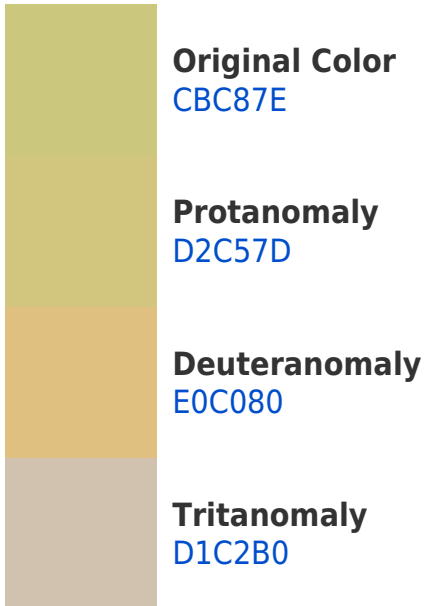
## Dichromacy



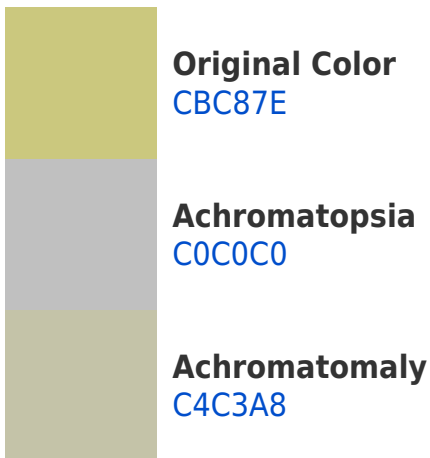


**Tritanopia**  
D4BECD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CBC87E 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 #CBC87E looks like.

```
.text, #text, p{  
    color:#CBC87E  
}
```

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 #CBC87E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBC87E
}
```

## Border

The CSS property to change the border of an element to Hex CBC87E 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
#CBC87E }
```

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

```
.border{ border-color:#CBC87E }
```

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

Here you see how a box with a 4 pixel #CBC87E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBC87E; -webkit-box-shadow:4px 4px  
4px 4px #CBC87E; box-shadow:4px 4px 4px  
4px #CBC87E }
```

# Background

The CSS property to change the background color of an element to Hex CBC87E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBC87E }
```

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

```
.background{ background-color:#CBC87E }
```

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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