

Converting Colors

Hex(CBCB78)

Have a look what the booklet for
Hex(CBCB78) contains.

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Color

Hex(CBCB78)

Conversions

Conversions Part 1

Format	Color
Hex	CBCB78
RGB	203, 203, 120
RGB Percent	80%, 80%, 47%
CMY	0.2039, 0.2039, 0.5294
CMYK	0.00, 0.00, 0.41, 0.20
HSL	60°, 44%, 63%
HSV	60°, 41%, 80%
XYZ	49.3747, 56.7644, 26.1236
YIQ	193.5380, 26.6430, -25.8130

Conversions

Conversions Part 2

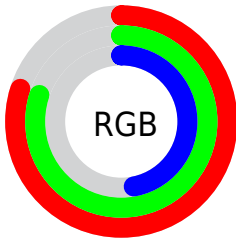
Format	Color
RYB	120, 203, 120
Decimal	13355896
CIELab	80.05, -12.06, 41.32
CIELCh	80, 43.045, 106.267
Yxy	56.7644, 0.3733, 0.4292
Android (android.graphics.Color)	4291545976 (0xFFCBCB78)
YUV	193.5380, -36.2542, 8.2982
Hunter-Lab	75.3422, -14.8707, 32.1817

Details

The Hex color **CBCB78** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7878CB**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **FFFAE**, and **939545** is the 20% darker color. If you saturate the color by 10%, you get **CBCB64**, and if you desaturate by 10%, it is **CBCB8C**.

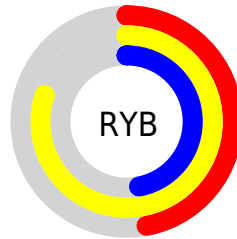
Distribution



Red (80%)

Green (80%)

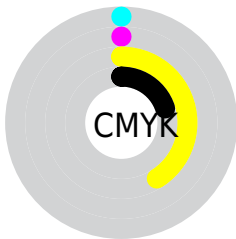
Blue (47%)



Red (47%)

Yellow (80%)

Blue (47%)

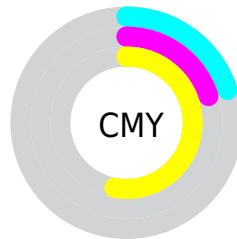


Cyan (0%)

Magenta (0%)

Yellow (41%)

Black (20%)



Cyan (20%)

Magenta (20%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color CBCB78 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 CBCB78 by changing the saturation by 10% instead.

 CBCB78

 CBCB78

FFFFFF

 AFB05E

 FFFFAE

 939545

 FFFFC9

 797B2D

 FFFFEE

 5E6213

 454B00

 2D3400

 151F00

 000000

 CBCB78

 CBCB78

 CBCB64

 CBCB8C

 CBCB4F

 CBCBA1

 CBCB3B

 CBCBB5

 CBCB27

 CBCBC9

 CBCB13

 CBCBDE

 CBCB00

 CBCBF2

 CBCBFF

Harmonies

Analogous

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



F1BE78



CBCB78



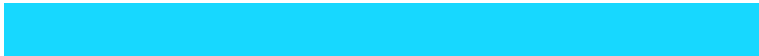
9ED58E

Triad

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



CBCB78



17D8FF



FFA9DB

Complementary

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



CBCB78



7878CB

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.



E6B4FE



CBCB78



6AD0FF

Square

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



CBCB78



29DCDC



B0C3FF



FFA8B2

Rectangle

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



CBCB78



7CD9A5



B0C3FF



FFACE8

Sweetspot

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



CBCB78



FFFFE0



CB7878



80806E



000000



808080

Same Dimension

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



CBCB78



FFFF82



A2CB78



66665C



A6A600



262600

Inverse Universe

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



7878CB



8282FF



A278CB



5C5C66



0000A6



000026

Previews

White Background



This preview shows how the Hex color CBCB78 looks on a white background.

Color Contrast Check

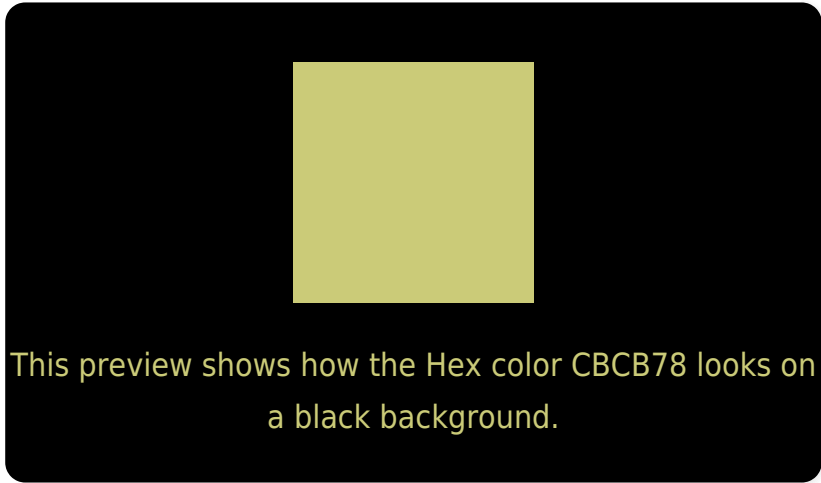
Large Text (above 18pt) WCAG AA × Fail

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

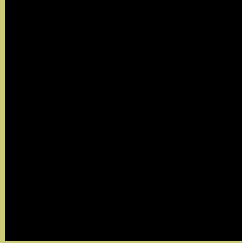
Any Text WCAG AA ✓ Pass

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 CBCB78 Background



This preview shows how black text looks on a background with the Hex color CBCB78.

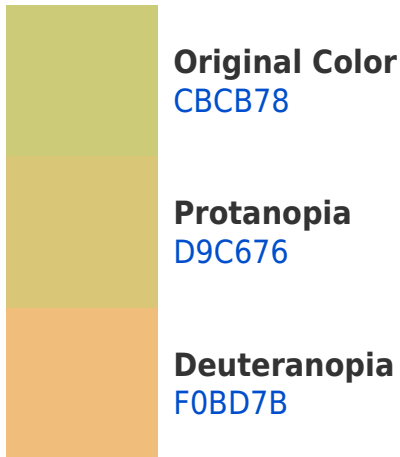


This preview shows how white text looks on a background with the Hex color CBCB78.

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](#).

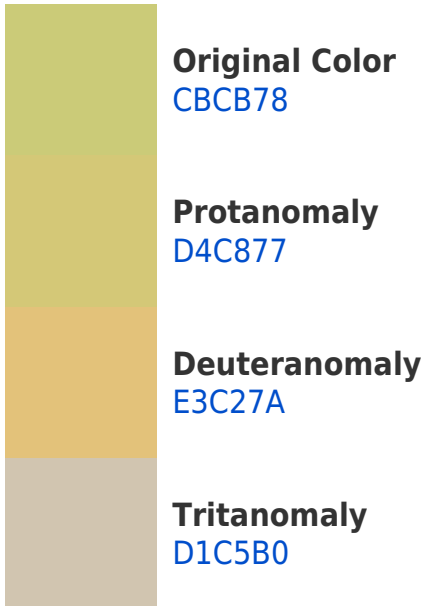
Dichromacy



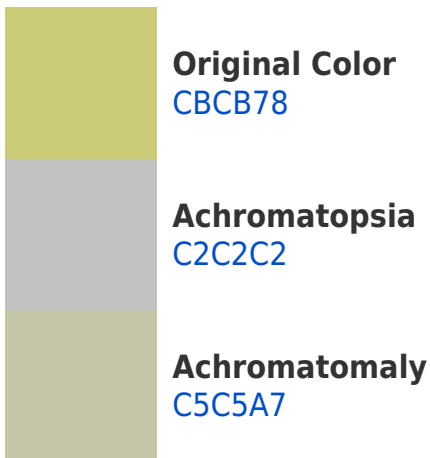


Tritanopia
D5C1D0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CBCB78 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 #CBCB78 looks like.

```
.text, #text, p{  
    color:#CBCB78  
}
```

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 #CBCB78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBCB78
}
```

Border

The CSS property to change the border of an element to Hex CBCB78 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
#CBCB78 }
```

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

```
.border{ border-color:#CBCB78 }
```

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

Here you see how a box with a 4 pixel #CBCB78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBCB78; -webkit-box-shadow:4px 4px  
4px 4px #CBCB78; box-shadow:4px 4px 4px  
4px #CBCB78 }
```

Background

The CSS property to change the background color of an element to Hex CBCB78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBCB78 }
```

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

```
.background{ background-color:#CBCB78 }
```

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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