

# Converting Colors

Hex(CBD680)

Have a look what the booklet for  
Hex(CBD680) contains.

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# **Color**

**Hex(CBD680)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CBD680
RGB	203, 214, 128
RGB Percent	80%, 84%, 50%
CMY	0.2039, 0.1608, 0.4980
CMYK	0.05, 0.00, 0.40, 0.16
HSL	68°, 51%, 67%
HSV	68°, 40%, 84%
XYZ	52.5715, 62.3482, 29.6857
YIQ	200.9070, 21.0500, -29.0780

# Conversions

## Conversions Part 2

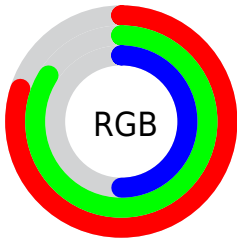
Format	Color
R <sub>YB</sub>	128, 214, 139
Decimal	13358720
CIE Lab	83.10, -16.72, 41.17
CIE LCh	83, 44.437, 112.097
Yxy	62.3482, 0.3636, 0.4312
Android (android.graphics.Color)	4291548800 (0xFFCBD680)
YUV	200.9070, -35.9432, 1.8356
Hunter-Lab	78.9608, -19.3377, 32.9823

# Details

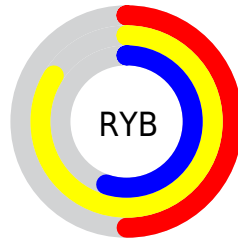
The Hex color **CBD680** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **8B80D6**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FFFFB6**, and **939F4D** is the 20% darker color. If you saturate the color by 10%, you get **C8D66B**, and if you desaturate by 10%, it is **CED695**.

# Distribution



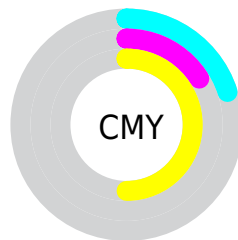
- Red (80%)
- Green (84%)
- Blue (50%)



- Red (50%)
- Yellow (84%)
- Blue (55%)



- Cyan (5%)
- Magenta (0%)
- Yellow (40%)
- Black (16%)



- Cyan (20%)
- Magenta (16%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CBD680 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 CBD680 by changing the saturation by 10% instead.



 CBD680

 CBD680

FFFFFF

 AFBA66

 FFFFFB6

 939F4D

 FFFFD2

 798534

 FFFFEEF

 5F6C1B

 455400

 2E3D00

 152700

 001300

 000000

 CBD680

 CBD680

 C8D66B

 CED695

 C6D655

 D0D6AB

 C3D640

 D3D6C0

 C0D62A

 D6D6D6

 BDD615

 D9D6EB

 BBD600

 DBD6FF

 DED6FF

 E1D6FF

 E4D6FF

# Harmonies

## Analogous

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



F4C97C



CBD680



9BE09A

# Triad

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



CBD680



2BE0FF



FFAFDC

# Complementary

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



CBD680



8B80D6

# 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.



F9B9FF



CBD680



7ED6FF

# Square

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



CBD680



1AE5ED



C4C8FF



FFB0B2

# Rectangle

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



CBD680



76E3B4



C4C8FF



FFB2EA

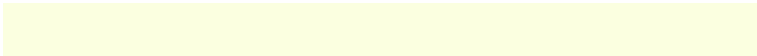


# Sweetspot

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



CBD680



FBFFE0



D68A80



7D806E



000000



808080



# Same Dimension

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



CBD680



FFFF85



A1D680



6A6B60



95AB00



262B00



# Inverse Universe

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



8B80D6



9485FF



B580D6



62606B



1600AB

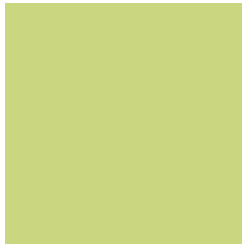


06002B



# Previews

## White Background



This preview shows how the Hex color CBD680 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



This preview shows how the Hex color CBD680 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

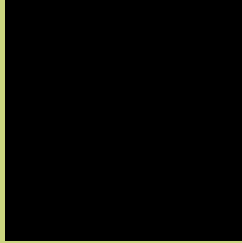
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CBD680 Background



This preview shows how black text looks on a background with the Hex color CBD680.

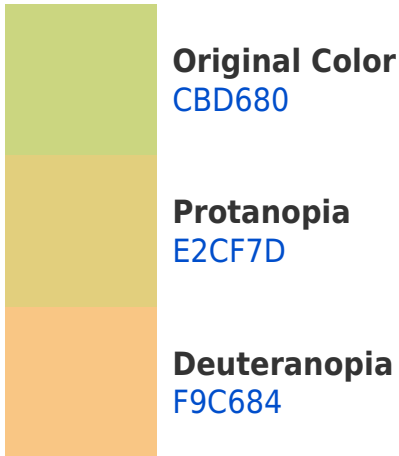


This preview shows how white text looks on a background with the Hex color CBD680.

# 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](#).

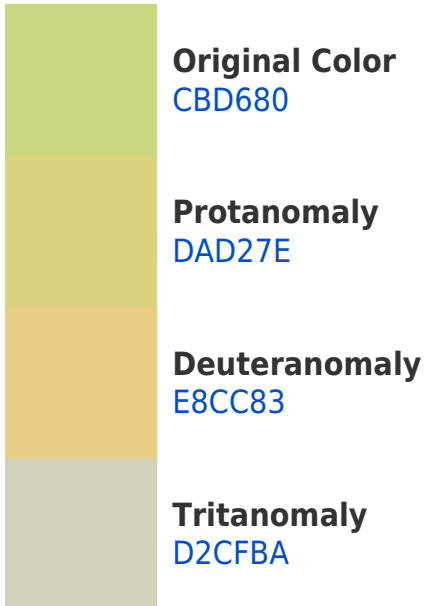
## Dichromacy



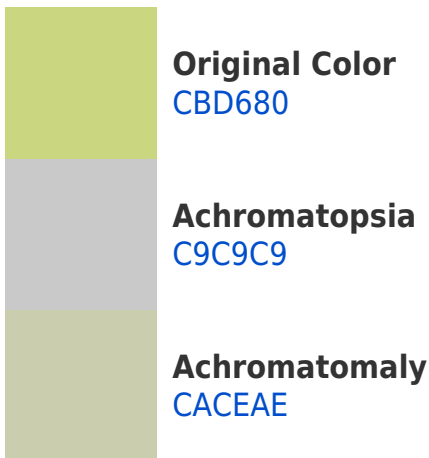


**Tritanopia**  
D6CBDB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CBD680 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 #CBD680 looks like.

```
.text, #text, p{  
    color:#CBD680  
}
```

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 #CBD680 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBD680
}
```

## Border

The CSS property to change the border of an element to Hex CBD680 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
#CBD680 }
```

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

```
.border{ border-color:#CBD680 }
```

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

Here you see how a box with a 4 pixel #CBD680 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBD680; -webkit-box-shadow:4px 4px  
4px 4px #CBD680; box-shadow:4px 4px 4px  
4px #CBD680 }
```

# Background

The CSS property to change the background color of an element to Hex CBD680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBD680 }
```

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

```
.background{ background-color:#CBD680 }
```

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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