

Converting Colors

Hex(CBD083)

Have a look what the booklet for
Hex(CBD083) contains.

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Color

Hex(CBD083)

Conversions

Conversions Part 1

Format	Color
Hex	CBD083
RGB	203, 208, 131
RGB Percent	80%, 82%, 51%
CMY	0.2039, 0.1843, 0.4863
CMYK	0.02, 0.00, 0.37, 0.18
HSL	64°, 45%, 66%
HSV	64°, 37%, 82%
XYZ	51.2812, 59.4470, 30.2443
YIQ	197.7270, 21.7370, -25.0070

Conversions

Conversions Part 2

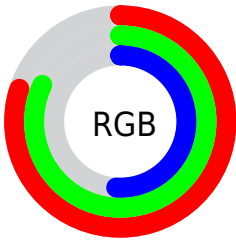
Format	Color
R _{YB}	131, 208, 136
Decimal	13357187
CIE Lab	81.54, -13.37, 37.67
CIE LCh	82, 39.975, 109.541
Yxy	59.4470, 0.3638, 0.4217
Android (android.graphics.Color)	4291547267 (0xFFCBD083)
YUV	197.7270, -32.8964, 4.6244
Hunter-Lab	77.1019, -16.2061, 30.7139

Details

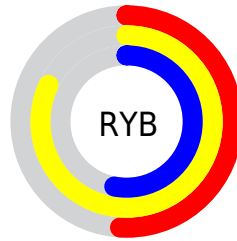
The Hex color **CBD083** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **8883D0**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **FFFFB9**, and **949A50** is the 20% darker color. If you saturate the color by 10%, you get **CAD06E**, and if you desaturate by 10%, it is **CCD098**.

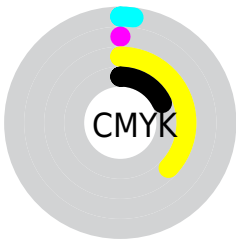
Distribution



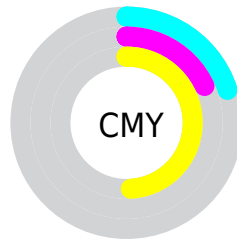
- Red (80%)
- Green (82%)
- Blue (51%)



- Red (51%)
- Yellow (82%)
- Blue (53%)



- Cyan (2%)
- Magenta (0%)
- Yellow (37%)
- Black (18%)



- Cyan (20%)
- Magenta (18%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color CBD083 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 CBD083 by changing the saturation by 10% instead.

 CBD083

 CBD083

FFFFFF

 AFB469

 FFFFB9

 949A50

 FFFFD5

 798038

 FFFFF2

 5F6720

 464F05

 2F3800

 162300

 000B00

 000000

 CBD083

 CBD083

 CAD06E

 CCD098

 C8D059

 CED0AD

 C7D045

 CFD0C1

 C6D030

 D0D0D6

 C4D01B

 D2D0EB

 C3D006

 D3D0FF

 C2D000

 D4D0FF

 D6D0FF

 D7D0FF

Harmonies

Analogous

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



F0C481



CBD083



A0D999

Triad

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



CBD083



49DBFF



FFAFD9

Complementary

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



CBD083



8883D0

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.



EDB8FC



CBD083



81D2FF

Square

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



CBD083



46DFE2



BCC6FF



FFAFB3

Rectangle

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



CBD083



81DDAF



BCC6FF



FFB1E6

Sweetspot

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



CBD083



FDFFE3



D08783



7E806F



000000



808080

Same Dimension

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



CBD083



F8FF8F



A6D083



68695E



9DA800



262900

Inverse Universe

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



8883D0



968FFF



AD83D0



5F5E69



0B00A8



030029

Previews

White Background



This preview shows how the Hex color CBD083 looks on a white background.

Color Contrast Check

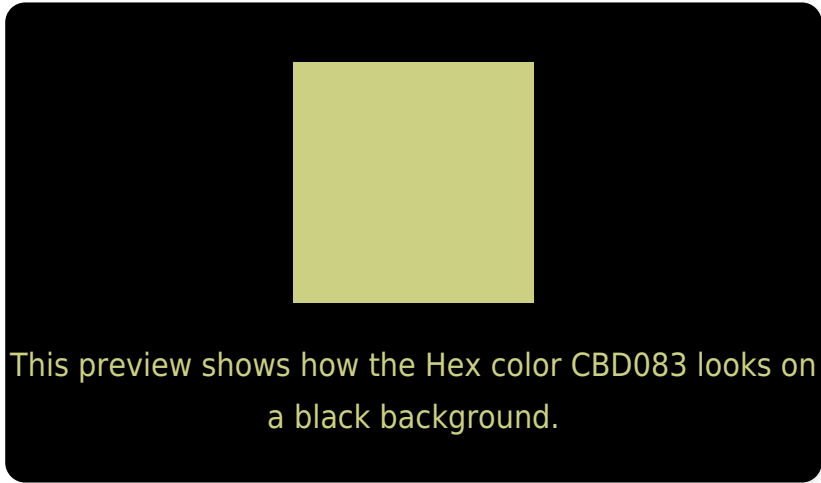
Large Text (above 18pt) WCAG AA × Fail

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

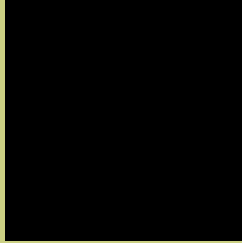
Any Text WCAG AA ✓ Pass

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 CBD083 Background



This preview shows how black text looks on a background with the Hex color CBD083.

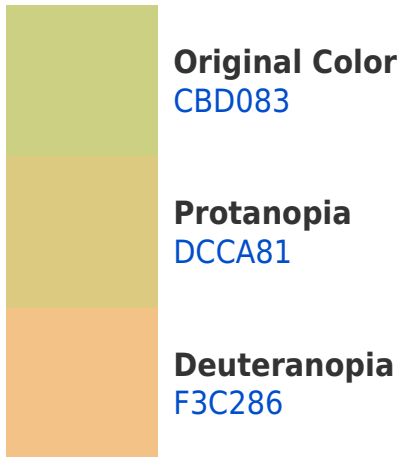


This preview shows how white text looks on a background with the Hex color CBD083.

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](#).

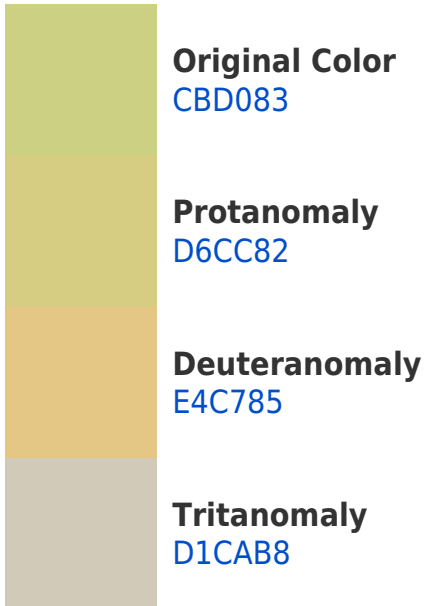
Dichromacy



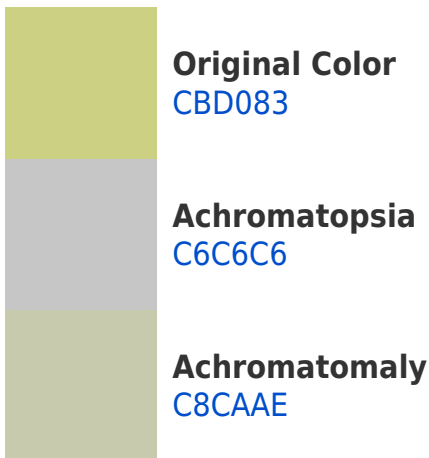


Tritanopia
D5C6D6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CBD083 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 #CBD083 looks like.

```
.text, #text, p{  
    color:#CBD083  
}
```

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 #CBD083 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBD083  
}
```

Border

The CSS property to change the border of an element to Hex CBD083 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  
#CBD083 }
```

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

```
.border{ border-color:#CBD083 }
```

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

Here you see how a box with a 4 pixel #CBD083 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBD083; -webkit-box-shadow:4px 4px  
4px 4px #CBD083; box-shadow:4px 4px 4px  
4px #CBD083 }
```

Background

The CSS property to change the background color of an element to Hex CBD083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBD083 }
```

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

```
.background{ background-color:#CBD083 }
```

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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