

Converting Colors

Hex(CDB77D)

Have a look what the booklet for
Hex(CDB77D) contains.

Hex(CDB77D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(CDB77D)

Conversions

Conversions Part 1

Format	Color
Hex	CDB77D
RGB	205, 183, 125
RGB Percent	80%, 72%, 49%
CMY	0.1961, 0.2824, 0.5098
CMYK	0.00, 0.11, 0.39, 0.20
HSL	44°, 44%, 65%
HSV	44°, 39%, 80%
XYZ	45.8120, 48.3268, 26.3155
YIQ	182.9660, 31.7300, -13.3740

Conversions

Conversions Part 2

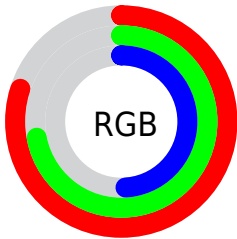
Format	Color
RYB	155, 205, 125
Decimal	13481853
CIELab	75.03, -0.35, 32.37
CIELCh	75, 32.371, 90.611
Yxy	48.3268, 0.3803, 0.4012
Android (android.graphics.Color)	4291671933 (0xFFCDB77D)
YUV	182.9660, -28.5772, 19.3238
Hunter-Lab	69.5175, -4.0241, 26.2183

Details

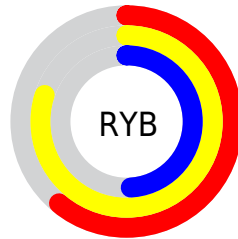
The Hex color **CDB77D** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **7D93CD**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **FFEFB2**, and **95824B** is the 20% darker color. If you saturate the color by 10%, you get **CDB169**, and if you desaturate by 10%, it is **CDBD92**.

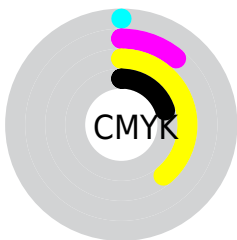
Distribution



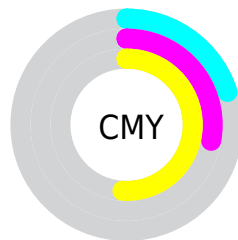
- Red (80%)
- Green (72%)
- Blue (49%)



- Red (61%)
- Yellow (80%)
- Blue (49%)



- Cyan (0%)
- Magenta (11%)
- Yellow (39%)
- Black (20%)



- Cyan (20%)
- Magenta (28%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color CDB77D 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 CDB77D by changing the saturation by 10% instead.

 CDB77D

FFFFFF

 FFEFB2

 FFFFCE


 FFFFEA

 CDB77D

 B19C64

 95824B

 7B6933

 61511C

 473A04

 302500

 171100

 000000

 CDB77D

 CDB77D

 CDB169

 CDBD92

 CDAC54

 CDC2A6

 CDA63F

 CDC8BB

 CDA02B

 CDCECF

 CD9B16

 CDD3E3

 CD9502

 CDD9F8

 CD9500

 CDDEFF

 CDE4FF

 CDEAFF

Harmonies

Analogous

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



E6AD86



CDB77D



ADC085

Triad

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



CDB77D



58C8D6



DFA7D6

Complementary

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



CDB77D



7D93CD

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.



BEB1EC



CDB77D



69C4EC

Square

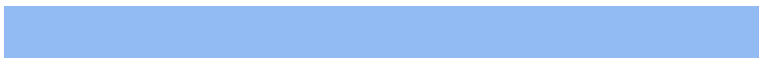
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



CDB77D



6AC9B8



92BBF4



F2A2B9

Rectangle

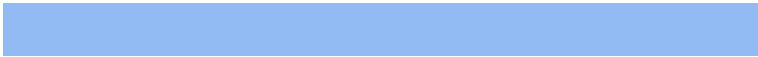
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CDB77D



96C592



92BBF4



D6AADF

Sweetspot

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



CDB77D



FFF7E0



CD7D94



807B6E



000000



808080

Same Dimension

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



CDB77D



FFDE87



BCCD7D



66635C



A67800



261C00

Inverse Universe

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



7D93CD



87A8FF



8E7DCD



5C5F66



002EA6



000B26

Previews

White Background



This preview shows how the Hex color CDB77D looks on a white background.

Color Contrast Check

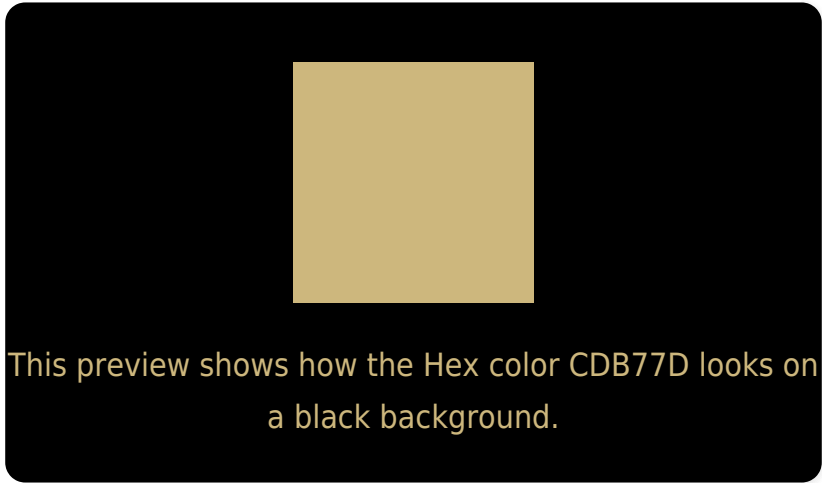
Large Text (above 18pt) WCAG AA × Fail

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

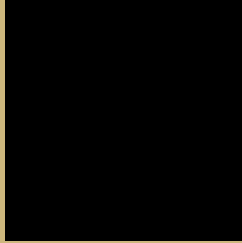
Any Text WCAG AA ✓ Pass

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 CDB77D Background



This preview shows how black text looks on a background with the Hex color CDB77D.

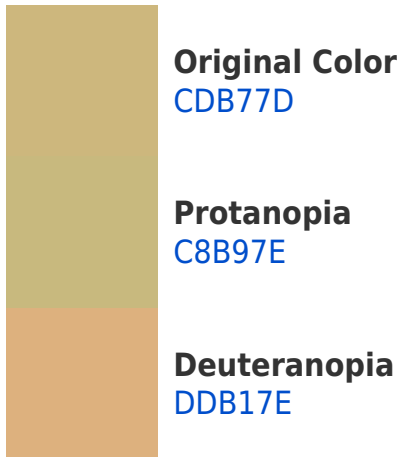


This preview shows how white text looks on a background with the Hex color CDB77D.

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](#).

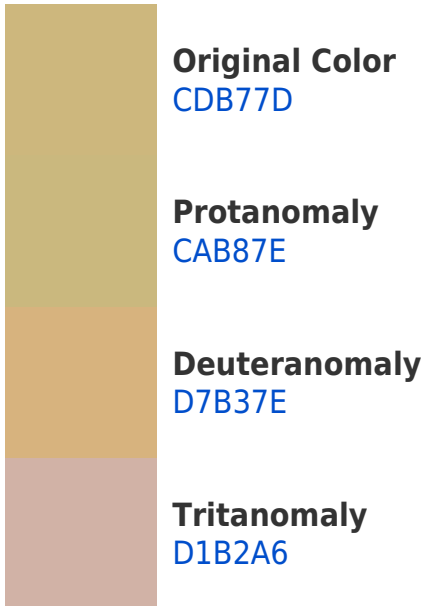
Dichromacy





Tritanopia
D4AFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CDB77D 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 #CDB77D looks like.

```
.text, #text, p{  
    color:#CDB77D  
}
```

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 #CDB77D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDB77D
}
```

Border

The CSS property to change the border of an element to Hex CDB77D 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
#CDB77D }
```

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

```
.border{ border-color:#CDB77D }
```

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

Here you see how a box with a 4 pixel #CDB77D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDB77D; -webkit-box-shadow:4px 4px  
4px 4px #CDB77D; box-shadow:4px 4px 4px  
4px #CDB77D }
```

Background

The CSS property to change the background color of an element to Hex CDB77D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDB77D }
```

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

```
.background{ background-color:#CDB77D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor