

Converting Colors

Hex(CDBD48)

Have a look what the booklet for
Hex(CDBD48) contains.

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Color

Hex(CDBD48)

Conversions

Conversions Part 1

Format	Color
Hex	CDBD48
RGB	205, 189, 72
RGB Percent	80%, 74%, 28%
CMY	0.1961, 0.2588, 0.7176
CMYK	0.00, 0.08, 0.65, 0.20
HSL	53°, 57%, 54%
HSV	53°, 65%, 80%
XYZ	44.5441, 49.8422, 13.4037
YIQ	180.4460, 47.0930, -32.9950

Conversions

Conversions Part 2

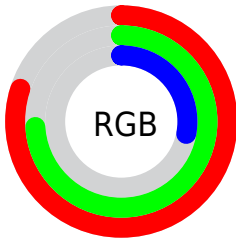
Format	Color
RYB	90, 205, 72
Decimal	13483336
CIELab	75.97, -8.05, 59.08
CIELCh	76, 59.628, 97.764
Yxy	49.8422, 0.4132, 0.4624
Android (android.graphics.Color)	4291673416 (0xFFCDBD48)
YUV	180.4460, -53.4639, 21.5339
Hunter-Lab	70.5990, -10.9245, 38.1627

Details

The Hex color **CDBD48** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **4858CD**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFF57E**, and **948808** is the 20% darker color. If you saturate the color by 10%, you get **CDBB34**, and if you desaturate by 10%, it is **CDBF5D**.

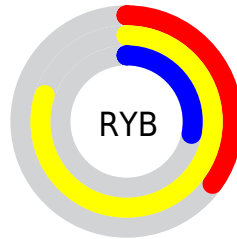
Distribution



Red (80%)

Green (74%)

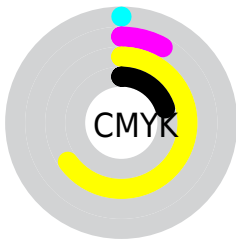
Blue (28%)



Red (35%)

Yellow (80%)

Blue (28%)

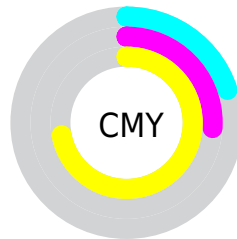


Cyan (0%)

Magenta (8%)

Yellow (65%)

Black (20%)



Cyan (20%)

Magenta (26%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color CDBD48 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 CDBD48 by changing the saturation by 10% instead.

 CDBD48

 CDBD48

FFFFFF

 B0A22C

 FFF57E

 948808

 FFFF99

 786F00

 FFFFB5

 5D5700

 FFFFFD1

 424000

 FFFFEE

 282A00

 0C1600

 000000

 CDBD48

 CDBD48

 CDBB34

 CDBF5D

 CDB81F

 CDC271

 CDB60B

 CDC486

 CDB400

 CDC79A

 CDC9AF

 CDCCC3

 CDCED8

 CDD1EC

 CDD3FF

Harmonies

Analogous

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



FCA954



CDBD48



92CB60

Triad

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



CDBD48



00D5FD



FF93E6

Complementary

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



CDBD48



4858CD

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.



D2A7FF



CDBD48



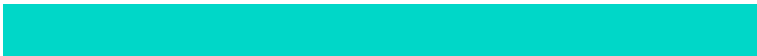
00CCFF

Square

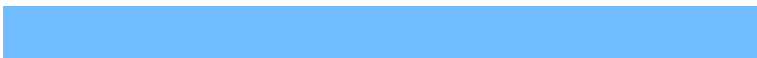
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



CDBD48



00D7C8



71BCFF



FF8BAF

Rectangle

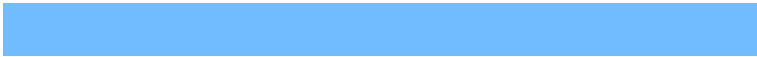
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CDBD48



60D27E



71BCFF



FB99F7

Sweetspot

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



CDBD48



FFF9CF



CD485A



807C62



000000



808080

Same Dimension

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



CDBD48



FFE738



9CCD48



66655C



A69200



262200

Inverse Universe

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



4858CD



3850FF



7948CD



5C5D66



0014A6



000526

Previews

White Background



This preview shows how the Hex color CDBD48 looks on a white background.

Color Contrast Check

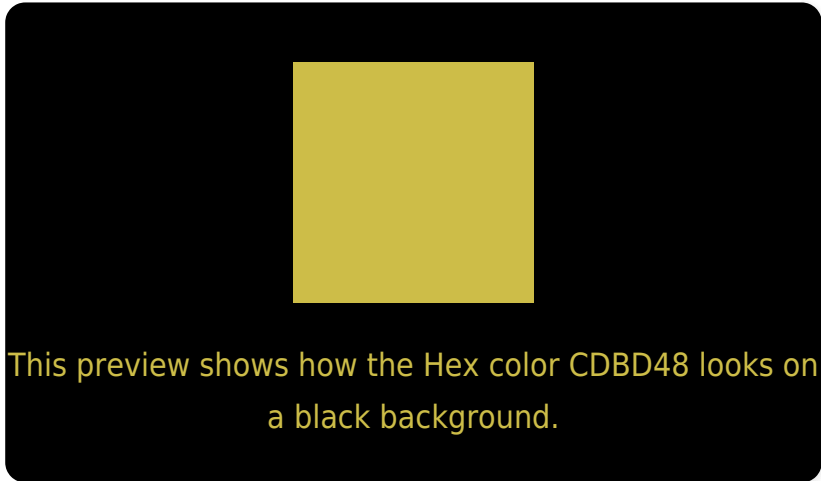
Large Text (above 18pt) WCAG AA × Fail

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 CDBD48 Background



This preview shows how black text looks on a background with the Hex color CDBD48.



This preview shows how white text looks on a background with the Hex color CDBD48.

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



Original Color
CDBD48

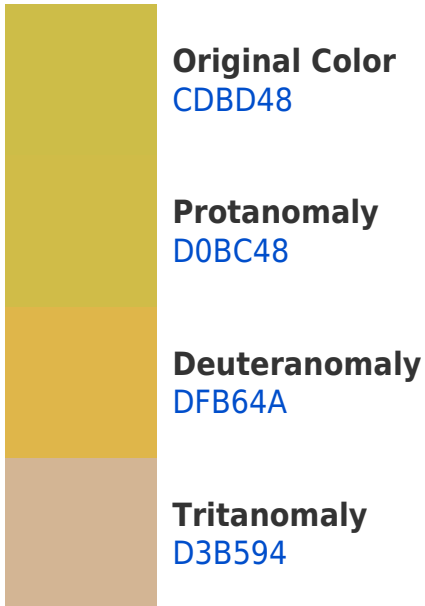
Protanopia
D1BC48

Deuteranopia
E9B24B



Tritanopia
D7B1BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CDBD48 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 #CDBD48 looks like.

```
.text, #text, p{  
    color:#CDBD48  
}
```

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 #CDBD48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDBD48
}
```

Border

The CSS property to change the border of an element to Hex CDBD48 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
#CDBD48 }
```

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

```
.border{ border-color:#CDBD48 }
```

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

Here you see how a box with a 4 pixel #CDBD48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDBD48; -webkit-box-shadow:4px 4px  
4px 4px #CDBD48; box-shadow:4px 4px 4px  
4px #CDBD48 }
```

Background

The CSS property to change the background color of an element to Hex CDBD48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDBD48 }
```

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

```
.background{ background-color:#CDBD48 }
```

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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