

Converting Colors

Hex(CDBF5D)

Have a look what the booklet for
Hex(CDBF5D) contains.

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Color

Hex(CDBF5D)

Conversions

Conversions Part 1

Format	Color
Hex	CDBF5D
RGB	205, 191, 93
RGB Percent	80%, 75%, 36%
CMY	0.1961, 0.2510, 0.6353
CMYK	0.00, 0.07, 0.55, 0.20
HSL	52°, 53%, 58%
HSV	52°, 55%, 80%
XYZ	45.7834, 51.0311, 17.7929
YIQ	184.0140, 39.8020, -27.5100

Conversions

Conversions Part 2

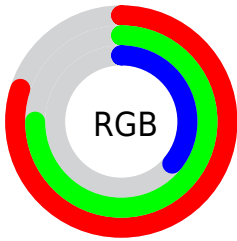
Format	Color
RYB	109, 205, 93
Decimal	13483869
CIELab	76.70, -7.61, 50.48
CIELCh	77, 51.051, 98.576
Yxy	51.0311, 0.3995, 0.4453
Android (android.graphics.Color)	4291673949 (0xFFCDBF5D)
YUV	184.0140, -44.8699, 18.4047
Hunter-Lab	71.4360, -10.6122, 35.2376

Details

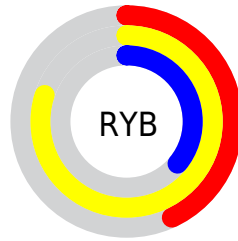
The Hex color **CDBF5D** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **5D6BCD**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FFF792**, and **948A29** is the 20% darker color. If you saturate the color by 10%, you get **CDBC49**, and if you desaturate by 10%, it is **CDC272**.

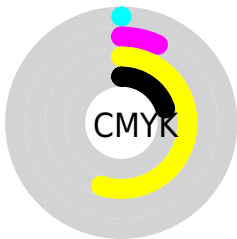
Distribution



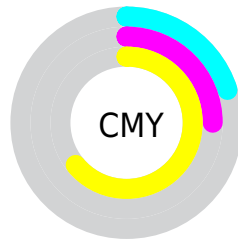
- Red (80%)
- Green (75%)
- Blue (36%)



- Red (43%)
- Yellow (80%)
- Blue (36%)



- Cyan (0%)
- Magenta (7%)
- Yellow (55%)
- Black (20%)



- Cyan (20%)
- Magenta (25%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color CDBF5D 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 CDBF5D by changing the saturation by 10% instead.

 CDBF5D

 CDBF5D

FFFFFF

 B0A443

 FFF792

 948A29

 FFFFAD

 79710A


 FFFFC9

 5E5800

 FFFFE6

 454100

 2B2B00

 111800

 000000

 CDBF5D

 CDBF5D

 CDBC49

 CDC272

 CDBA34

 CDC486

 CDB71F

 CDC79B

 CDB50B

 CDC9AF

 CDB300

 CDCCC3

 CDCED8

 CDD1EC

 CDD4FF

 CDD6FF

Harmonies

Analogous

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



F6AF65



CDBF5D



9ACC71

Triad

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



CDBF5D



00D3F7



FF9CE1

Complementary

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



CDBF5D



5D6BCD

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.



D3ACFF



CDBF5D



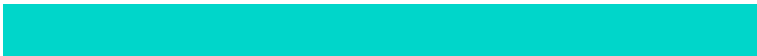
00CBFF

Square

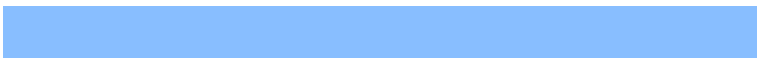
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



CDBF5D



00D6CA



88BEFF



FF96B1

Rectangle

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



CDBF5D



72D18A



88BEFF



F6A0EF

Sweetspot

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



CDBF5D



FFFAD6



CD5D6C



807C67



000000



808080

Same Dimension

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



CDBF5D



FFEA57



A4CD5D



66655C



A69100



262100

Inverse Universe

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



5D6BCD



576CFF



865DCD



5C5D66



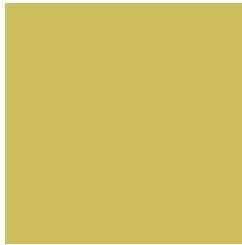
0015A6



000526

Previews

White Background



This preview shows how the Hex color CDBF5D looks on a white background.

Color Contrast Check

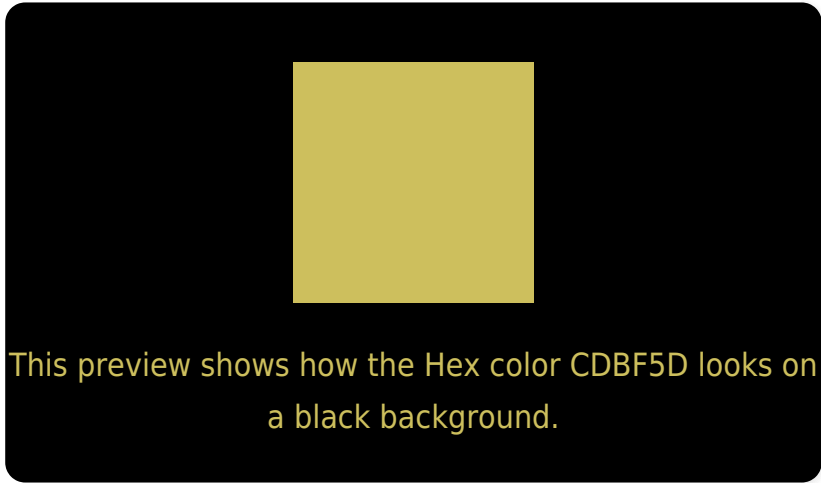
Large Text (above 18pt) WCAG AA × Fail

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 CDBF5D Background



This preview shows how black text looks on a background with the Hex color CDBF5D.



This preview shows how white text looks on a background with the Hex color CDBF5D.

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
CDBF5D

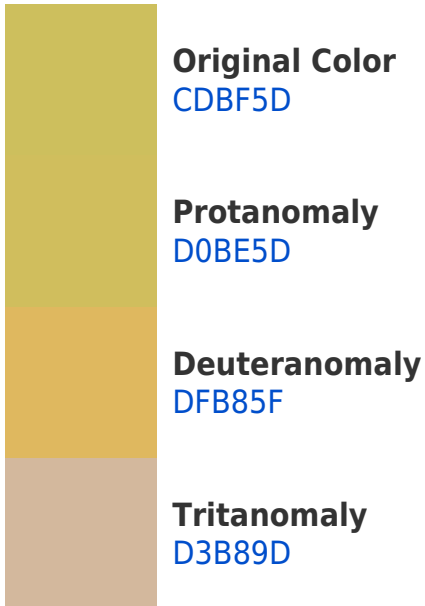
Protanopia
D1BD5D

Deuteranopia
E9B460



Tritanopia
D7B4C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CDBF5D 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 #CDBF5D looks like.

```
.text, #text, p{  
    color:#CDBF5D  
}
```

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 #CDBF5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDBF5D
}
```

Border

The CSS property to change the border of an element to Hex CDBF5D 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
#CDBF5D }
```

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

```
.border{ border-color:#CDBF5D }
```

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

Here you see how a box with a 4 pixel #CDBF5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDBF5D; -webkit-box-shadow:4px 4px  
4px 4px #CDBF5D; box-shadow:4px 4px 4px  
4px #CDBF5D }
```

Background

The CSS property to change the background color of an element to Hex CDBF5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDBF5D }
```

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

```
.background{ background-color:#CDBF5D }
```

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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