

Converting Colors

Hex(CDBC58)

Have a look what the booklet for
Hex(CDBC58) contains.

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Color

Hex(CDBC58)

Conversions

Conversions Part 1

Format	Color
Hex	CDBC58
RGB	205, 188, 88
RGB Percent	80%, 74%, 35%
CMY	0.1961, 0.2627, 0.6549
CMYK	0.00, 0.08, 0.57, 0.20
HSL	51°, 54%, 57%
HSV	51°, 57%, 80%
XYZ	44.9215, 49.6502, 16.4483
YIQ	181.6830, 42.2320, -27.4960

Conversions

Conversions Part 2

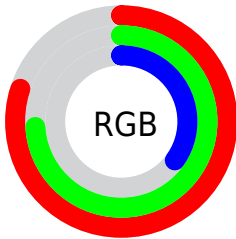
Format	Color
RYB	108, 205, 88
Decimal	13483096
CIELab	75.85, -6.45, 51.85
CIElCh	76, 52.252, 97.092
Yxy	49.6502, 0.4046, 0.4472
Android (android.graphics.Color)	4291673176 (0xFFCDBC58)
YUV	181.6830, -46.1857, 20.4490
Hunter-Lab	70.4629, -9.5126, 35.4838

Details

The Hex color **CDBC58** 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 **5869CD**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FFF48D**, and **948723** is the 20% darker color. If you saturate the color by 10%, you get **CDB944**, and if you desaturate by 10%, it is **CDBF6D**.

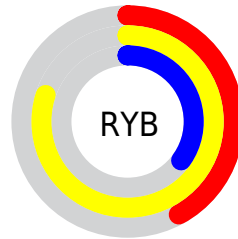
Distribution



Red (80%)

Green (74%)

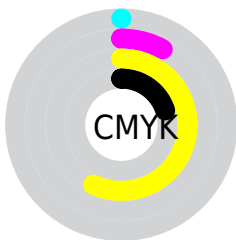
Blue (35%)



Red (42%)

Yellow (80%)

Blue (35%)

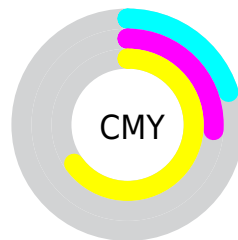


Cyan (0%)

Magenta (8%)

Yellow (57%)

Black (20%)



Cyan (20%)

Magenta (26%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color CDBC58 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 CDBC58 by changing the saturation by 10% instead.

 CDBC58

 CDBC58

FFFFFF

 B0A13E

 FFF48D

 948723

 FFFFA8

 796E01

 FFFFC4

 5E5600

 FFFFFE1

 443F00

FFFFFFE

 2A2900

 0F1500

 000000

 CDBC58

 CDBC58

 CDB944

 CDBF6D

 CDB62F

 CDC281

 CDB31B

 CDC596

 CDB006

 CDC8AA

 CDAF00

 CDCBBF

 CDCED3

 CDD1E8

 CDD4FC

 CDD7FF

Harmonies

Analogous

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



F6AB62



CDBC58



9AC96B

Triad

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



CDBC58



00D2F4



FF99E2

Complementary

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



CDBC58



5869CD

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.



CEAAFF



CDBC58



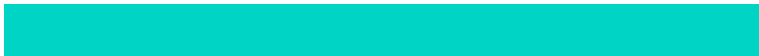
00CAFF

Square

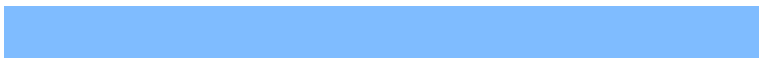
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



CDBC58



00D4C5



7FBCFF



FF93B1

Rectangle

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



CDBC58



70CF85



7FBCFF



F29EF0

Sweetspot

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



CDBC58



FFF9D4



CD586A



807C66



000000



808080

Same Dimension

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



CDBC58



FFE652



A4CD58



66655C



A68E00



262100

Inverse Universe

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



5869CD



526BFF



8158CD



5C5D66



0018A6



000626

Previews

White Background



This preview shows how the Hex color CDBC58 looks on a white background.

Color Contrast Check

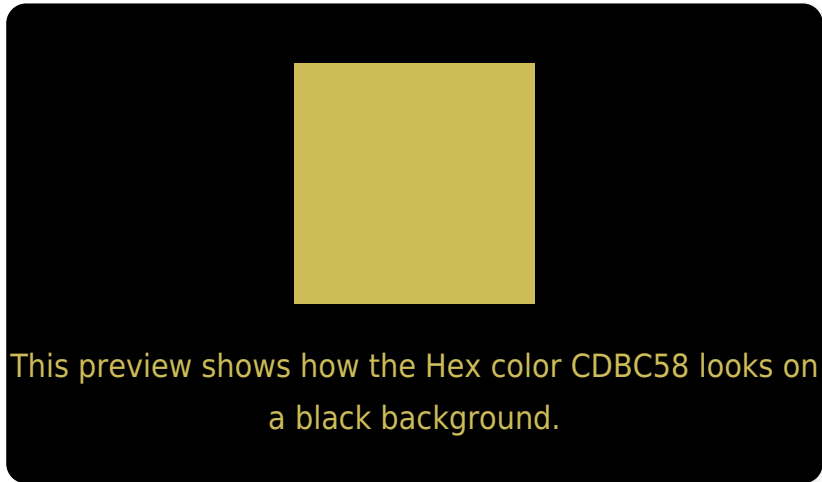
Large Text (above 18pt) WCAG AA × Fail

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 CDBC58 Background



This preview shows how black text looks on a background with the Hex color CDBC58.



This preview shows how white text looks on a background with the Hex color CDBC58.

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
CDBC58

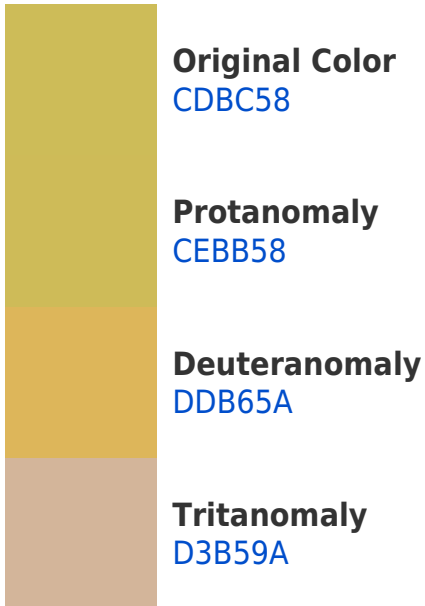
Protanopia
CFBB58

Deuteranopia
E6B25B



Tritanopia
D7B1BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CDBC58 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 #CDBC58 looks like.

```
.text, #text, p{  
    color:#CDBC58  
}
```

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 #CDBC58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDBC58  
}
```

Border

The CSS property to change the border of an element to Hex CDBC58 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  
#CDBC58 }
```

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

```
.border{ border-color:#CDBC58 }
```

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

Here you see how a box with a 4 pixel #CDBC58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDBC58; -webkit-box-shadow:4px 4px  
4px 4px #CDBC58; box-shadow:4px 4px 4px  
4px #CDBC58 }
```

Background

The CSS property to change the background color of an element to Hex CDBC58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDBC58 }
```

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

```
.background{ background-color:#CDBC58 }
```

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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