

# Converting Colors

Hex(CDBD51)

Have a look what the booklet for  
Hex(CDBD51) contains.

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# **Color**

**Hex(CDBD51)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CDBD51
RGB	205, 189, 81
RGB Percent	80%, 74%, 32%
CMY	0.1961, 0.2588, 0.6824
CMYK	0.00, 0.08, 0.60, 0.20
HSL	52°, 55%, 56%
HSV	52°, 60%, 80%
XYZ	44.8596, 49.9684, 15.0651
YIQ	181.4720, 44.2040, -30.1960

# Conversions

## Conversions Part 2

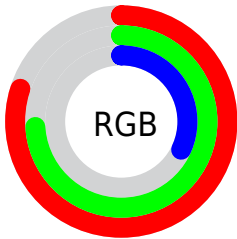
Format	Color
<b>R<sub>YB</sub></b>	99, 205, 81
Decimal	13483345
CIE Lab	76.05, -7.47, 55.26
CIE LCh	76, 55.767, 97.702
Yxy	49.9684, 0.4082, 0.4547
Android (android.graphics.Color)	4291673425 (0xFFCDBD51)
YUV	181.4720, -49.5327, 20.6341
Hunter-Lab	70.6883, -10.4264, 36.8460

# Details

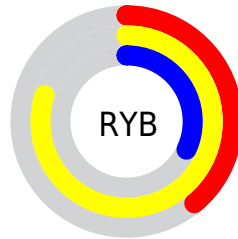
The Hex color **CDBD51** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **5161CD**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FFF586**, and **94881A** is the 20% darker color. If you saturate the color by 10%, you get **CDBA3C**, and if you desaturate by 10%, it is **CDC065**.

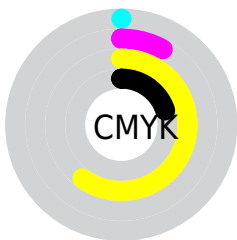
# Distribution



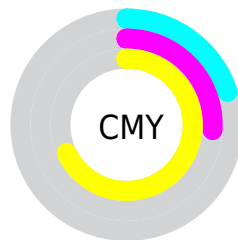
- Red (80%)
- Green (74%)
- Blue (32%)



- Red (39%)
- Yellow (80%)
- Blue (32%)



- Cyan (0%)
- Magenta (8%)
- Yellow (60%)
- Black (20%)



- Cyan (20%)
- Magenta (26%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CDBD51 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 CDBD51 by changing the saturation by 10% instead.





CDBD51



CDBD51

FFFFFF



B0A236



FFF586



94881A



FFFFA2



786F00



FFFFBD



5D5700



FFFFDA



434000



FFFFF7



292A00



0E1600



000000



CDBD51



CDBD51

 CDBA3C

 CDC065

 CDB828

 CDC27A

 CDB513

 CDC58F

 CDB300

 CDC8A3

 CDCAB8

 CDCDCC

 CDD0E0

 CDD2F5

 CDD5FF

# Harmonies

## Analogous

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



F9AB5B



CDBD51



96CB67

# Triad

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



CDBD51



00D3F9



FF96E4

# Complementary

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



CDBD51



5161CD

# 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.



D1A9FF



CDBD51



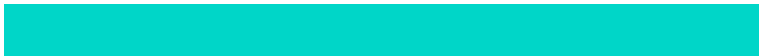
00CBFF

# Square

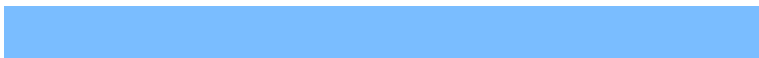
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



CDBD51



00D6C8



7ABDFE



FF8FB0

# Rectangle

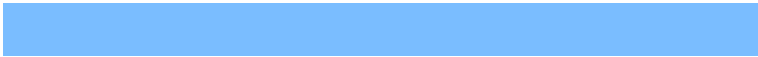
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CDBD51



68D182



7ABDFF



F79CF3



# Sweetspot

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



CDBD51



FFF9D1



CD5162



807C63



000000



808080



# Same Dimension

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



CDBD51



FFE745



A0CD51



66655C



A69000



262100



# Inverse Universe

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



5161CD



455DFF



7E51CD



5C5D66



0015A6



000526



# Previews

## White Background



This preview shows how the Hex color CDBD51 looks on a white background.

## Color Contrast Check

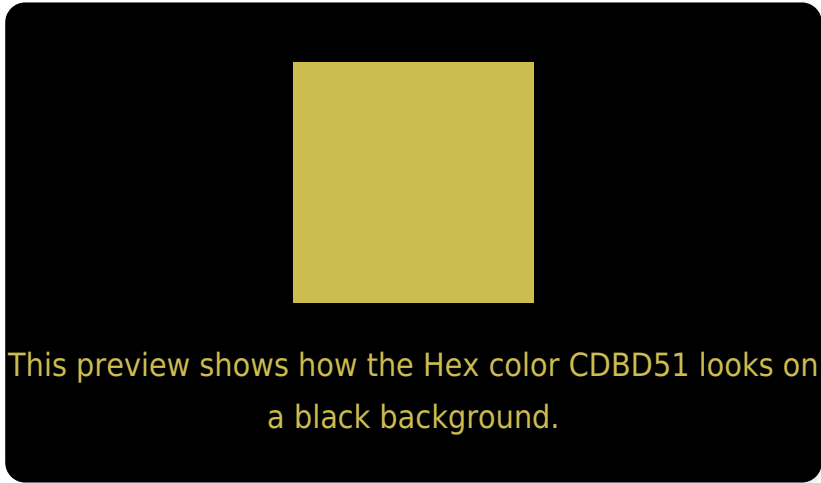
Large Text (above 18pt) WCAG AA × Fail

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

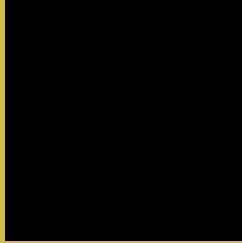
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CDBD51 Background



This preview shows how black text looks on a background with the Hex color CDBD51.



This preview shows how white text looks on a background with the Hex color CDBD51.

# 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**  
CDBD51

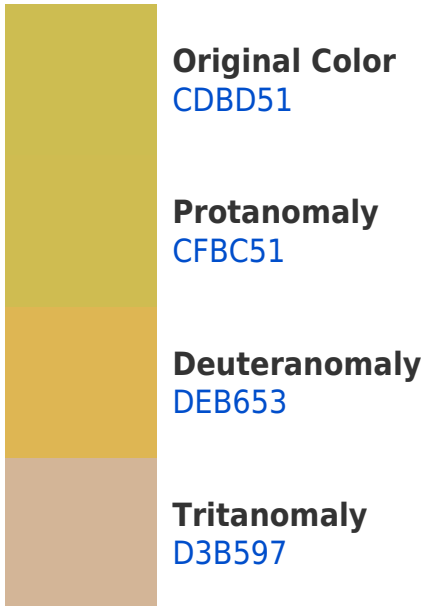
**Protanopia**  
D0BC51

**Deuteranopia**  
E8B254



**Tritanopia**  
D7B1BF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CDBD51 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 #CDBD51 looks like.

```
.text, #text, p{  
    color:#CDBD51  
}
```

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 #CDBD51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDBD51
}
```

## Border

The CSS property to change the border of an element to Hex CDBD51 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
#CDBD51 }
```

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

```
.border{ border-color:#CDBD51 }
```

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

Here you see how a box with a 4 pixel #CDBD51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDBD51; -webkit-box-shadow:4px 4px  
4px 4px #CDBD51; box-shadow:4px 4px 4px  
4px #CDBD51 }
```

# Background

The CSS property to change the background color of an element to Hex CDBD51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDBD51 }
```

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

```
.background{ background-color:#CDBD51 }
```

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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