

Converting Colors

Hex(CDB069)

Have a look what the booklet for
Hex(CDB069) contains.

Hex(CDB069)	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(CDB069)

Conversions

Conversions Part 1

Format	Color
Hex	CDB069
RGB	205, 176, 105
RGB Percent	80%, 69%, 41%
CMY	0.1961, 0.3098, 0.5882
CMYK	0.00, 0.14, 0.49, 0.20
HSL	43°, 50%, 61%
HSV	43°, 49%, 80%
XYZ	43.2520, 45.0497, 19.7804
YIQ	176.5770, 40.0750, -15.9330

Conversions

Conversions Part 2

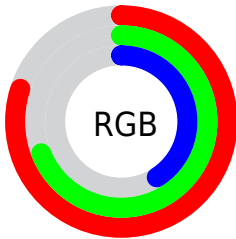
Format	Color
RYB	146, 205, 105
Decimal	13480041
CIELab	72.92, 1.29, 40.05
CIELCh	73, 40.067, 88.156
Yxy	45.0497, 0.4002, 0.4168
Android (android.graphics.Color)	4291670121 (0xFFCDB069)
YUV	176.5770, -35.2875, 24.9270
Hunter-Lab	67.1191, -2.4319, 29.5102

Details

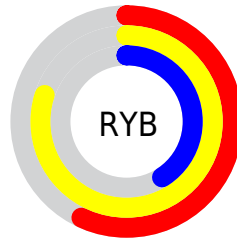
The Hex color **CDB069** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6986CD**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **FFE79D**, and **957C37** is the 20% darker color. If you saturate the color by 10%, you get **CDAA54**, and if you desaturate by 10%, it is **CDB67D**.

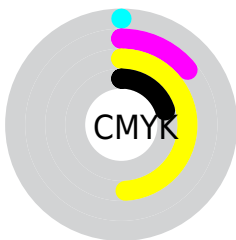
Distribution



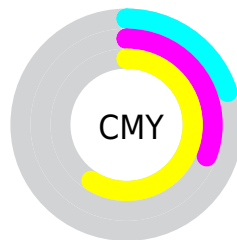
- Red (80%)
- Green (69%)
- Blue (41%)



- Red (57%)
- Yellow (80%)
- Blue (41%)



- Cyan (0%)
- Magenta (14%)
- Yellow (49%)
- Black (20%)



- Cyan (20%)
- Magenta (31%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color CDB069 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 CDB069 by changing the saturation by 10% instead.

 CDB069

 CDB069

FFFFFF

 B19550

 FFE79D

 957C37

 FFFFFB9

 79631F

 FFFFFD5

 5F4B04

 FFFFFF1

 463500

 2C2000

 120900

 000000

 CDB069

 CDB069

 CDAA54

 CDB67D

 CDA440

 CDBC92

 CD9E2B

 CDC2A7

 CD9817

 CDC8BB

 CD9203

 CDCED0

 CD9200

 CDD4E4

 CDDAF9

 CDE0FF

 CDE6FF

Harmonies

Analogous

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



EAA376



CDB069



A7BB71

Triad

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



CDB069



00C6D4



DF9EDA

Complementary

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



CDB069



6986CD

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.



B4AAF4



CDB069



32C1F0

Square

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



CDB069



48C6AF



79B7FC



F796B7

Rectangle

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



CDB069



8BC181



79B7FC



D3A1E4

Sweetspot

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



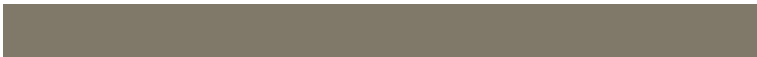
CDB069



FFF4D9



CD6987



807969



000000



808080

Same Dimension

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



CDB069



FFD369



B9CD69



66635C



A67600



261B00

Inverse Universe

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



6986CD



6994FF



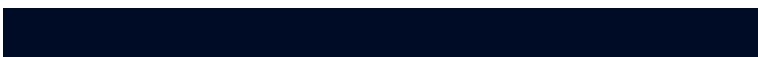
7D69CD



5C5F66



0030A6



000B26

Previews

White Background



This preview shows how the Hex color CDB069 looks on a white background.

Color Contrast Check

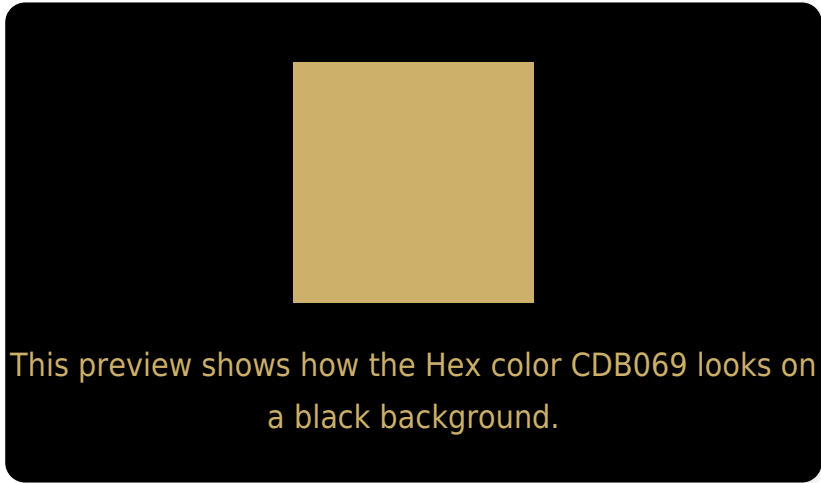
Large Text (above 18pt) WCAG AA × Fail

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

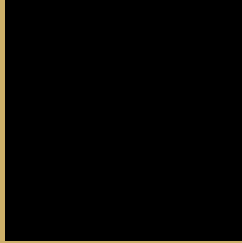
Any Text WCAG AA ✓ Pass

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 CDB069 Background



This preview shows how black text looks on a background with the Hex color CDB069.

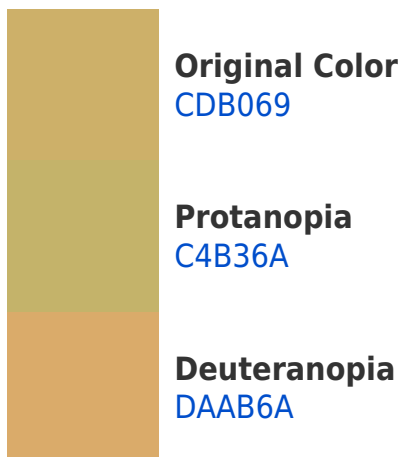


This preview shows how white text looks on a background with the Hex color CDB069.

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](#).

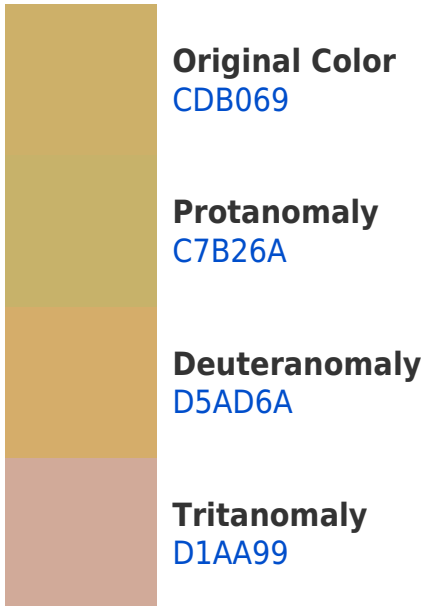
Dichromacy





Tritanopia
D4A7B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CDB069 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 #CDB069 looks like.

```
.text, #text, p{  
    color:#CDB069  
}
```

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 #CDB069 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CDB069
}
```

Border

The CSS property to change the border of an element to Hex CDB069 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
#CDB069 }
```

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

```
.border{ border-color:#CDB069 }
```

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

Here you see how a box with a 4 pixel #CDB069 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CDB069; -webkit-box-shadow:4px 4px  
4px 4px #CDB069; box-shadow:4px 4px 4px  
4px #CDB069 }
```

Background

The CSS property to change the background color of an element to Hex CDB069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CDB069 }
```

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

```
.background{ background-color:#CDB069 }
```

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