

Converting Colors

Hex(D0B76D)

Have a look what the booklet for
Hex(D0B76D) contains.

Hex(D0B76D)	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(D0B76D)

Conversions

Conversions Part 1

Format	Color
Hex	D0B76D
RGB	208, 183, 109
RGB Percent	82%, 72%, 43%
CMY	0.1843, 0.2824, 0.5725
CMYK	0.00, 0.12, 0.48, 0.18
HSL	45°, 51%, 62%
HSV	45°, 48%, 82%
XYZ	45.7062, 48.3810, 21.3975
YIQ	182.0390, 38.6540, -17.7140

Conversions

Conversions Part 2

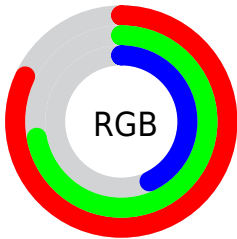
Format	Color
RYB	142, 208, 109
Decimal	13678445
CIELab	75.06, -0.79, 40.73
CIELCh	75, 40.738, 91.117
Yxy	48.3810, 0.3958, 0.4189
Android (android.graphics.Color)	4291868525 (0xFFD0B76D)
YUV	182.0390, -36.0082, 22.7678
Hunter-Lab	69.5564, -4.4297, 30.4503

Details

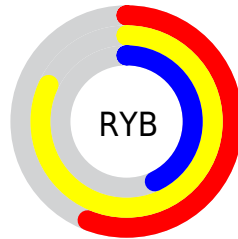
The Hex color **D0B76D** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **6D86D0**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FFEFA2**, and **98823B** is the 20% darker color. If you saturate the color by 10%, you get **D0B258**, and if you desaturate by 10%, it is **D0BC82**.

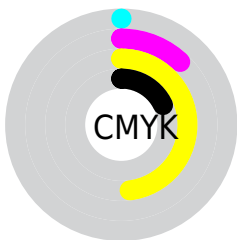
Distribution



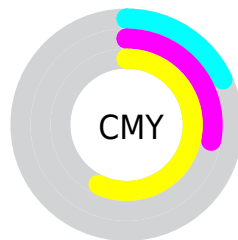
- Red (82%)
- Green (72%)
- Blue (43%)



- Red (56%)
- Yellow (82%)
- Blue (43%)



- Cyan (0%)
- Magenta (12%)
- Yellow (48%)
- Black (18%)



- Cyan (18%)
- Magenta (28%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color D0B76D 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 D0B76D by changing the saturation by 10% instead.

 D0B76D

 D0B76D

FFFFFF

 B39C54

 FFEFA2

 98823B

 FFFFBD

 7C6923

 FFFF99

 625108

 FFFFF6

 493A00

 2F2500

 161100

 000000

 D0B76D

 D0B76D

 D0B258

 D0BC82

 D0AC43

 D0C297

 D0A72F

 D0C7AB

 D0A21A

 D0CCC0

 D09D05

 D0D1D5

 D09B00

 D0D7EA

 D0DCFF

 D0E1FF

 D0E6FF

Harmonies

Analogous

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



EFAA78



D0B76D



A9C277

Triad

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



D0B76D



01CCDE



E9A2DE

Complementary

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



D0B76D



6D86D0

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.



BFAFF9



D0B76D



3EC6FA

Square

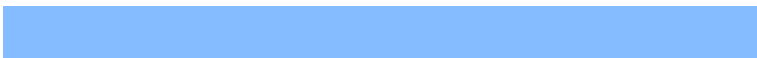
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D0B76D



47CDB9



84BCFF



FF9BB9

Rectangle

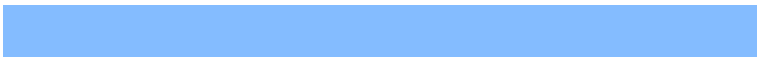
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D0B76D



8BC788



84BCFF



DDA6E8

Sweetspot

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



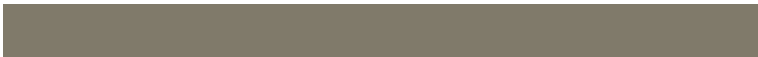
D0B76D



FFF6DB



D06D87



807A6A



000000



808080

Same Dimension

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



D0B76D



FFDA6E



B9D06D



69665E



A87E00



291E00

Inverse Universe

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



6D86D0



6E92FF



846DD0



5E6169



002BA8



000A29

Previews

White Background



This preview shows how the Hex color D0B76D looks on a white background.

Color Contrast Check

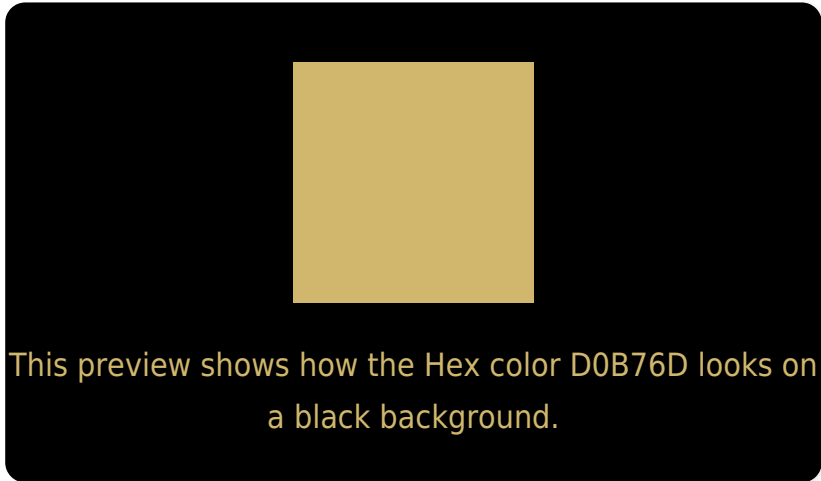
Large Text (above 18pt) WCAG AA × Fail

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

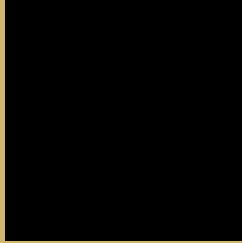
Any Text WCAG AA ✓ Pass

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 D0B76D Background



This preview shows how black text looks on a background with the Hex color D0B76D.



This preview shows how white text looks on a background with the Hex color D0B76D.

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](#).

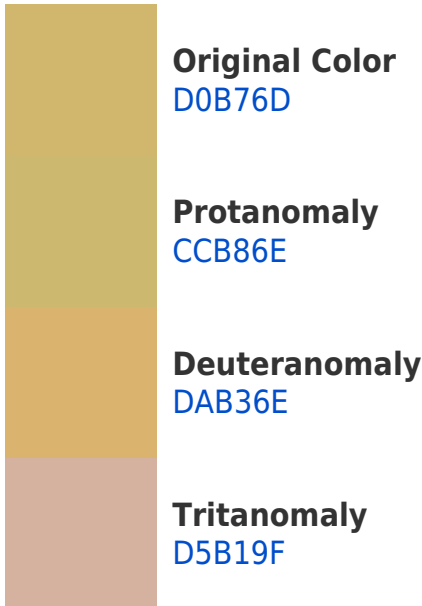
Dichromacy



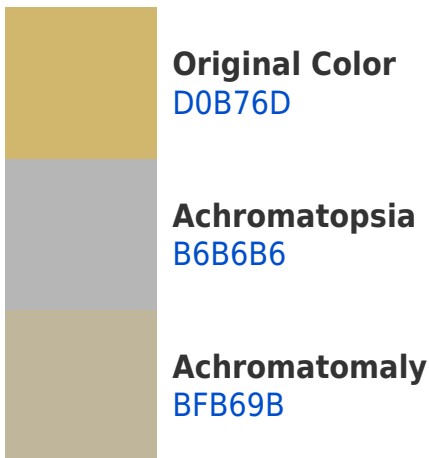


Tritanopia
D8AEBB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D0B76D 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 #D0B76D looks like.

```
.text, #text, p{  
    color:#D0B76D  
}
```

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 #D0B76D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0B76D  
}
```

Border

The CSS property to change the border of an element to Hex D0B76D 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  
#D0B76D }
```

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

```
.border{ border-color:#D0B76D }
```

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

Here you see how a box with a 4 pixel #D0B76D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0B76D; -webkit-box-shadow:4px 4px  
4px 4px #D0B76D; box-shadow:4px 4px 4px  
4px #D0B76D }
```

Background

The CSS property to change the background color of an element to Hex D0B76D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0B76D }
```

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

```
.background{ background-color:#D0B76D }
```

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