

# Converting Colors

Hex(D0B73D)

Have a look what the booklet for  
Hex(D0B73D) contains.

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# **Color**

**Hex(D0B73D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D0B73D
RGB	208, 183, 61
RGB Percent	82%, 72%, 24%
CMY	0.1843, 0.2824, 0.7608
CMYK	0.00, 0.12, 0.71, 0.18
HSL	50°, 61%, 53%
HSV	50°, 71%, 82%
XYZ	43.7882, 47.6138, 11.2974
YIQ	176.5670, 54.0620, -32.6420

# Conversions

## Conversions Part 2

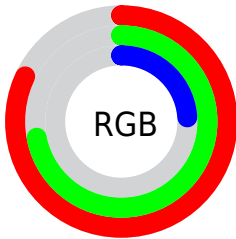
Format	Color
<b>R<sub>YB</sub></b>	91, 208, 61
Decimal	13678397
CIE Lab	74.58, -4.27, 62.19
CIE LCh	75, 62.340, 93.924
Yxy	47.6138, 0.4264, 0.4636
Android (android.graphics.Color)	4291868477 (0xFFD0B73D)
YUV	176.5670, -56.9745, 27.5667
Hunter-Lab	69.0027, -7.4811, 38.5948

# Details

The Hex color **D0B73D** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **3D56D0**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **FFEF73**, and **968200** is the 20% darker color. If you saturate the color by 10%, you get **D0B328**, and if you desaturate by 10%, it is **D0BB52**.

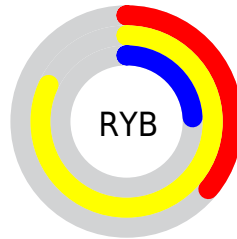
# Distribution



Red (82%)

Green (72%)

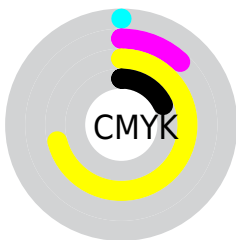
Blue (24%)



Red (36%)

Yellow (82%)

Blue (24%)

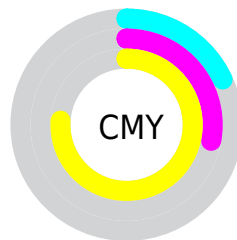


Cyan (0%)

Magenta (12%)

Yellow (71%)

Black (18%)



Cyan (18%)

Magenta (28%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D0B73D 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 D0B73D by changing the saturation by 10% instead.



 D0B73D

 D0B73D

FFFFFF

 B39C1F

 FFEF73

 968200

 FFFF8F

 7A6A00

 FFFFAB

 5F5200

 FFFFC7

 433B00

 FFFFE4

 2A2600

 0E1200

 000000

 D0B73D

 D0B73D

 D0B328

 D0BB52

 D0B013

 D0BE67

 D0AD00

 D0C27B

 D0C590

 D0C9A5

 D0CCBA

 D0D0CF

 D0D3E3

 D0D7F8

# Harmonies

## Analogous

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



FFA24F



D0B73D



95C753

# Triad

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



D0B73D



00D2F6



FF8FEB

# Complementary

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



D0B73D



3D56D0

# 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.



C4A5FF



D0B73D



00CBFF

# Square

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



D0B73D



00D4BE



4EBBFF



FF84B2

# Rectangle

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



D0B73D



62CD71



4EBBFF



F295FC



# Sweetspot

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



D0B73D



FFF6C9



D03D58



807A60



000000



808080



# Same Dimension

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



D0B73D



FFDA26



A1D03D



69675E



A88C00



292200



# Inverse Universe

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



3D56D0



264BFF



6C3DD0



5E6069



001DA8



000729



# Previews

## White Background



This preview shows how the Hex color D0B73D looks on a white background.

## Color Contrast Check

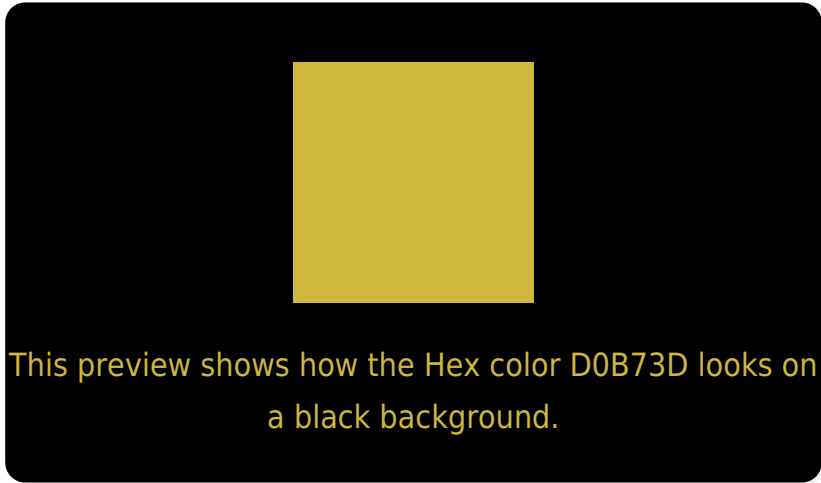
Large Text (above 18pt) WCAG AA × Fail

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 D0B73D Background



This preview shows how black text looks on a background with the Hex color D0B73D.

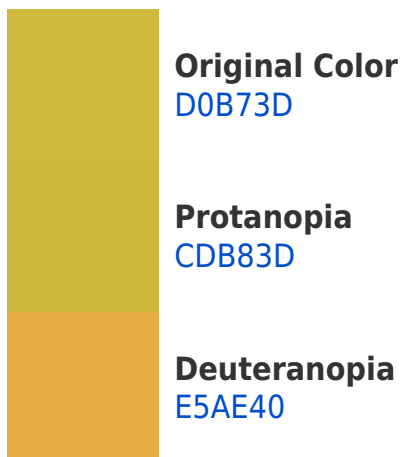


This preview shows how white text looks on a background with the Hex color D0B73D.

# 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





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D0B73D 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 #D0B73D looks like.

```
.text, #text, p{  
    color:#D0B73D  
}
```

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 #D0B73D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0B73D
}
```

## Border

The CSS property to change the border of an element to Hex D0B73D 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
#D0B73D }
```

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

```
.border{ border-color:#D0B73D }
```

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

Here you see how a box with a 4 pixel #D0B73D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0B73D; -webkit-box-shadow:4px 4px  
4px 4px #D0B73D; box-shadow:4px 4px 4px  
4px #D0B73D }
```

# Background

The CSS property to change the background color of an element to Hex D0B73D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0B73D }
```

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

```
.background{ background-color:#D0B73D }
```

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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