

Converting Colors

Hex(D0BC00)

Have a look what the booklet for
Hex(D0BC00) contains.

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Color

Hex(D0BC00)

Conversions

Conversions Part 1

Format	Color
Hex	D0BC00
RGB	208, 188, 0
RGB Percent	82%, 74%, 0%
CMY	0.1843, 0.2627, 1.0000
CMYK	0.00, 0.10, 1.00, 0.18
HSL	54°, 100%, 41%
HSV	54°, 100%, 82%
XYZ	43.9956, 49.3763, 7.2118
YIQ	172.5480, 72.2680, -54.2280

Conversions

Conversions Part 2

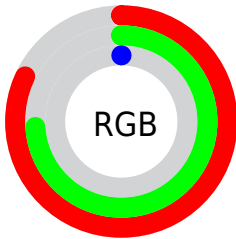
Format	Color
R _Y B	22, 208, 0
Decimal	13679616
CIE Lab	75.68, -8.42, 77.16
CIE LCh	76, 77.615, 96.225
Yxy	49.3763, 0.4374, 0.4909
Android (android.graphics.Color)	4291869696 (0xFFD0BC00)
YUV	172.5480, -85.0662, 31.0914
Hunter-Lab	70.2683, -11.2090, 43.1028

Details

The Hex color **D0BC00** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed orange. A complement of this color would be **0014D0**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFF452**, and **958700** is the 20% darker color. If you saturate the color by 10%, you get **D0BC00**, and if you desaturate by 10%, it is **D0BE15**.

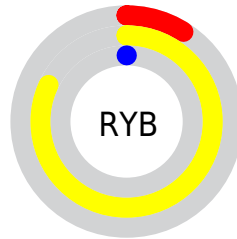
Distribution



Red (82%)

Green (74%)

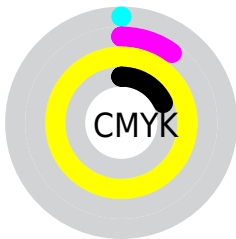
Blue (0%)



Red (9%)

Yellow (82%)

Blue (0%)

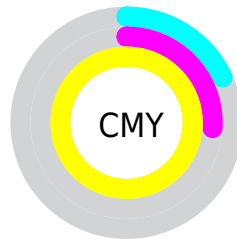


Cyan (0%)

Magenta (10%)

Yellow (100%)

Black (18%)



Cyan (18%)

Magenta (26%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color D0BC00 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 D0BC00 by changing the saturation by 10% instead.

 D0BC00

 D0BC00

FFFFFF

 B2A100

 FFF452

 958700

 FFFF6F

 786E00

 FFFF8B

 5C5600

 FFFFA8

 413F00

 FFFFC5

 272A00

 FFFF E3

 0A1600

 000000

 D0BC00

 D0BE15

 D0C02A

 D0C23E

 D0C453

 D0C668

 D0C87D

 D0CA92

 D0CCA6

 D0CEBB

Harmonies

Analogous

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



FFA12E



D0BC00



84CE3A

Triad

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



D0BC00



00DAFF



FF81F6

Complementary

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



D0BC00



0014D0

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.



CFA1FF



D0BC00



00D1FF

Square

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



D0BC00



00DCC8



00BEFF



FF72AF

Rectangle

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



D0BC00



2FD566



00BEFF



FF8BFF

Sweetspot

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



D0BC00



FFF8B3



D00015



807B52



000000



808080

Same Dimension

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



D0BC00



FFE600



7DD000



69685E



A89800



292500

Inverse Universe

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



0014D0



0019FF



5300D0



5E5F69



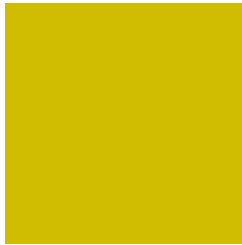
0010A8



000429

Previews

White Background



This preview shows how the Hex color D0BC00 looks on a white background.

Color Contrast Check

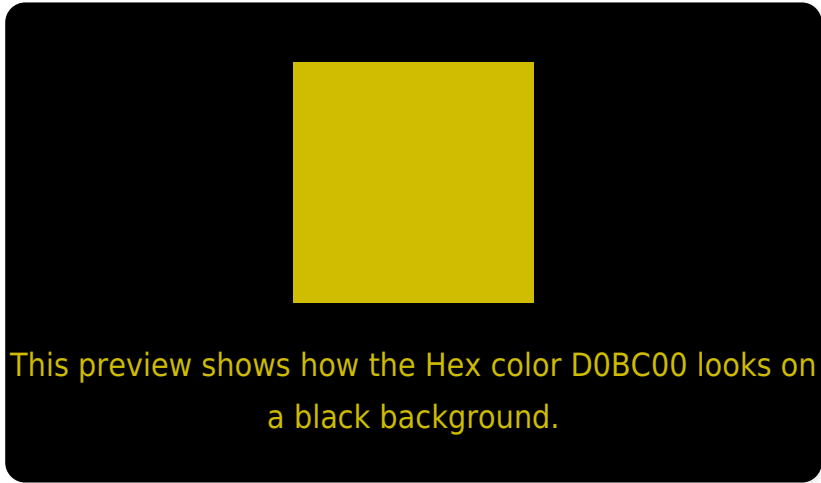
Large Text (above 18pt) WCAG AA × Fail

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 D0BC00 Background



This preview shows how black text looks on a background with the Hex color D0BC00.

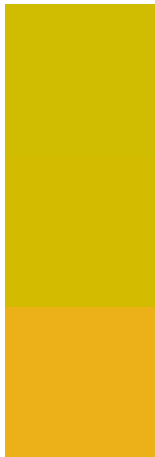


This preview shows how white text looks on a background with the Hex color D0BC00.

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
D0BC00

Protanopia
D3BB00

Deuteranopia
ECB118

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D0BC00 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 #D0BC00 looks like.

```
.text, #text, p{  
    color:#D0BC00  
}
```

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 #D0BC00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0BC00  
}
```

Border

The CSS property to change the border of an element to Hex D0BC00 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  
#D0BC00 }
```

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

```
.border{ border-color:#D0BC00 }
```

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

Here you see how a box with a 4 pixel #D0BC00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0BC00; -webkit-box-shadow:4px 4px  
4px 4px #D0BC00; box-shadow:4px 4px 4px  
4px #D0BC00 }
```

Background

The CSS property to change the background color of an element to Hex D0BC00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0BC00 }
```

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

```
.background{ background-color:#D0BC00 }
```

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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