

Converting Colors

Hex(D0B130)

Have a look what the booklet for
Hex(D0B130) contains.

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Color

Hex(D0B130)

Conversions

Conversions Part 1

Format	Color
Hex	D0B130
RGB	208, 177, 48
RGB Percent	82%, 69%, 19%
CMY	0.1843, 0.3059, 0.8118
CMYK	0.00, 0.15, 0.77, 0.18
HSL	48°, 63%, 50%
HSV	48°, 77%, 82%
XYZ	42.2681, 45.0676, 9.2675
YIQ	171.5630, 59.8850, -33.5470

Conversions

Conversions Part 2

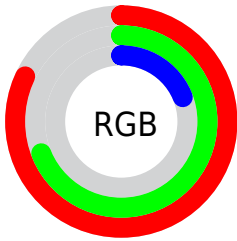
Format	Color
R _Y B	86, 208, 48
Decimal	13676848
CIE Lab	72.94, -1.70, 65.36
CIE LCh	73, 65.385, 91.490
Yxy	45.0676, 0.4375, 0.4665
Android (android.graphics.Color)	4291866928 (0xFFD0B130)
YUV	171.5630, -60.9166, 31.9552
Hunter-Lab	67.1324, -5.0941, 38.8078

Details

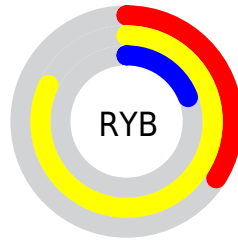
The Hex color **D0B130** is a light color, and the websafe version is hex **CC9900**. The color can be described as light muted orange. A complement of this color would be **304FD0**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFE868**, and **957D00** is the 20% darker color. If you saturate the color by 10%, you get **D0AD1B**, and if you desaturate by 10%, it is **D0B545**.

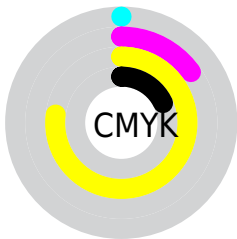
Distribution



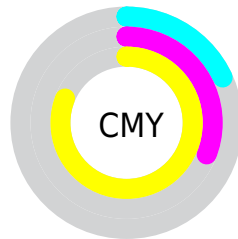
- Red (82%)
- Green (69%)
- Blue (19%)



- Red (34%)
- Yellow (82%)
- Blue (19%)



- Cyan (0%)
- Magenta (15%)
- Yellow (77%)
- Black (18%)



- Cyan (18%)
- Magenta (31%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color D0B130 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 D0B130 by changing the saturation by 10% instead.

 D0B130

 D0B130

FFFFFF

 B2960A

 FFE868

 957D00

 FFFF83

 796400

 FFFF9F

 5D4D00

 FFFFBC

 423600

 FFFFD8

 292100

 FFFFF6

 0C0B00

 000000

 D0B130

 D0B130

 D0AD1B

 D0B545

 D0A906

 D0B95A

 D0A800

 D0BD6E

 D0C183

 D0C598

 D0C9AD

 D0CDC2

 D0D1D6

 D0D5EB

Harmonies

Analogous

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



FF9B48



D0B130



93C245

Triad

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



D0B130



00CFF0



FE89ED

Complementary

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



D0B130



304FD0

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.



B8A2FF



D0B130



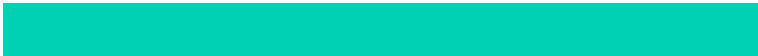
00C8FF

Square

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



D0B130



00D0B4



0DB9FF



FF7BB2

Rectangle

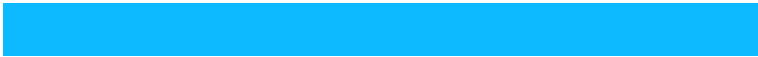
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D0B130



5FC965



0DB9FF



EB91FE

Sweetspot

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



D0B130



FFF4C4



D03050



80795C



000000



808080

Same Dimension

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



D0B130



FFD214



A0D030



69675E



A88800



292100

Inverse Universe

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



304FD0



1442FF



6030D0



5E6069



0021A8



000829

Previews

White Background



This preview shows how the Hex color D0B130 looks on a white background.

Color Contrast Check

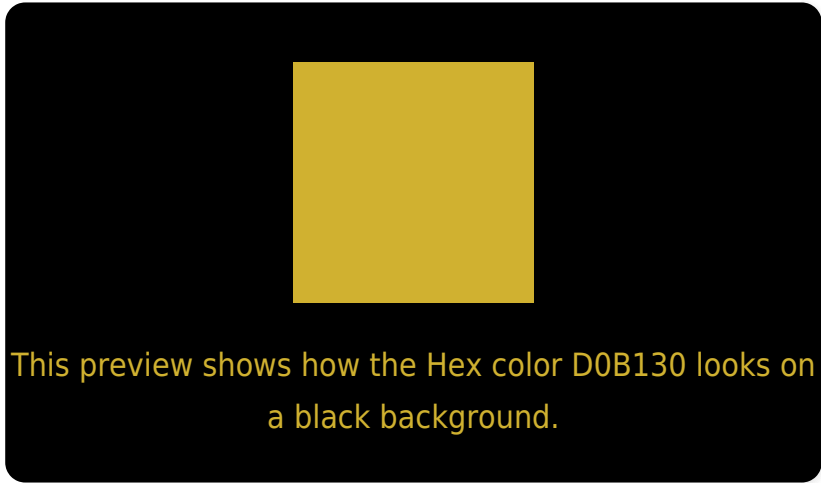
Large Text (above 18pt) WCAG AA × Fail

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 D0B130 Background



This preview shows how black text looks on a background with the Hex color D0B130.

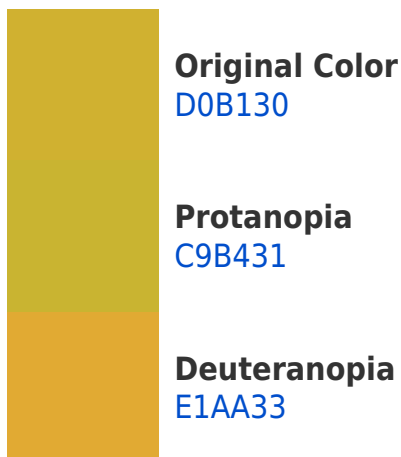


This preview shows how white text looks on a background with the Hex color D0B130.

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](#).

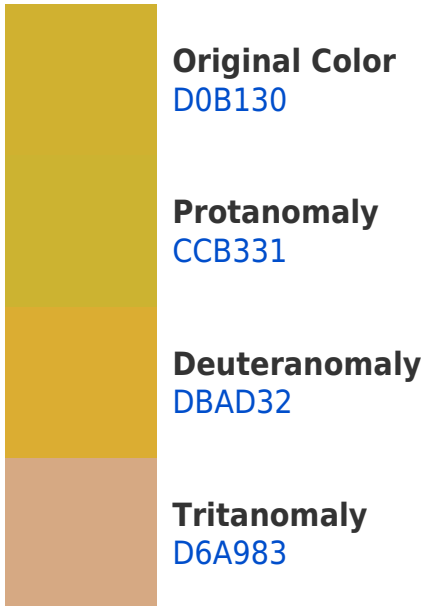
Dichromacy



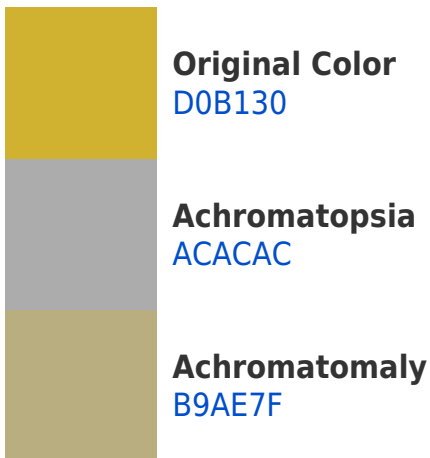


Tritanopia
D9A5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D0B130 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 #D0B130 looks like.

```
.text, #text, p{  
    color:#D0B130  
}
```

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 #D0B130 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0B130
}
```

Border

The CSS property to change the border of an element to Hex D0B130 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
#D0B130 }
```

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

```
.border{ border-color:#D0B130 }
```

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

Here you see how a box with a 4 pixel #D0B130 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0B130; -webkit-box-shadow:4px 4px  
4px 4px #D0B130; box-shadow:4px 4px 4px  
4px #D0B130 }
```

Background

The CSS property to change the background color of an element to Hex D0B130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0B130 }
```

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

```
.background{ background-color:#D0B130 }
```

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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