

Converting Colors

Hex(D0B050)

Have a look what the booklet for
Hex(D0B050) contains.

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Color

Hex(D0B050)

Conversions

Conversions Part 1

Format	Color
Hex	D0B050
RGB	208, 176, 80
RGB Percent	82%, 69%, 31%
CMY	0.1843, 0.3098, 0.6863
CMYK	0.00, 0.15, 0.62, 0.18
HSL	45°, 58%, 56%
HSV	45°, 62%, 82%
XYZ	42.9857, 45.0398, 14.0174
YIQ	174.6240, 49.8880, -23.0720

Conversions

Conversions Part 2

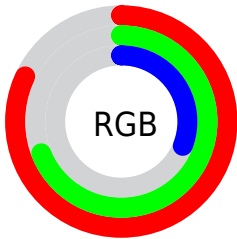
Format	Color
RYB	123, 208, 80
Decimal	13676624
CIELab	72.92, 0.53, 52.32
CIELCh	73, 52.323, 89.423
Yxy	45.0398, 0.4213, 0.4414
Android (android.graphics.Color)	4291866704 (0xFFD0B050)
YUV	174.6240, -46.6496, 29.2708
Hunter-Lab	67.1117, -3.1143, 34.5945

Details

The Hex color **D0B050** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **5070D0**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFE785**, and **967C1B** is the 20% darker color. If you saturate the color by 10%, you get **D0AB3B**, and if you desaturate by 10%, it is **D0B565**.

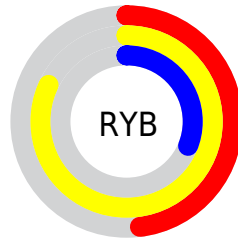
Distribution



Red (82%)

Green (69%)

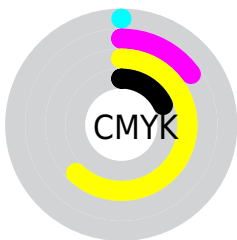
Blue (31%)



Red (48%)

Yellow (82%)

Blue (31%)

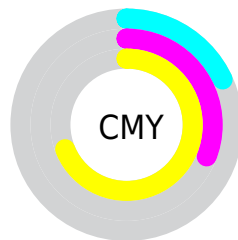


Cyan (0%)

Magenta (15%)

Yellow (62%)

Black (18%)



Cyan (18%)

Magenta (31%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color D0B050 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 D0B050 by changing the saturation by 10% instead.

 D0B050

 D0B050

FFFFFF

 B39536

 FFE785

 967C1B

 FFFFA0

 7B6300

 FFFFBB


 604B00

 FFFFD8

 453500

 FFFFF5

 2B2000

 110A00

 000000

 D0B050

 D0B050

 D0AB3B

 D0B565

 D0A626

 D0BA7A

 D0A012

 D0C08E

 D09C00

 D0C5A3

 D0CAB8

 D0CFCD

 D0D4E2

 D0DAF6

 D0DFFF

Harmonies

Analogous

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



F69F61



D0B050



A0BE5C

Triad

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



D0B050



00CAE1



ED95E4

Complementary

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



D0B050



5070D0

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.



B5A7FF



D0B050



00C4FF

Square

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



D0B050



00CB00



59B8FF



FF8BB6

Rectangle

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



D0B050



79C572



59B8FF



DD9AF2

Sweetspot

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



D0B050



FFF4D1



D05070



807863



000000



808080

Same Dimension

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



D0B050



FFD042



B0D050



69665E



A87E00



291F00

Inverse Universe

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



5070D0



4271FF



7050D0



5E6169



002AA8



000A29

Previews

White Background



This preview shows how the Hex color D0B050 looks on a white background.

Color Contrast Check

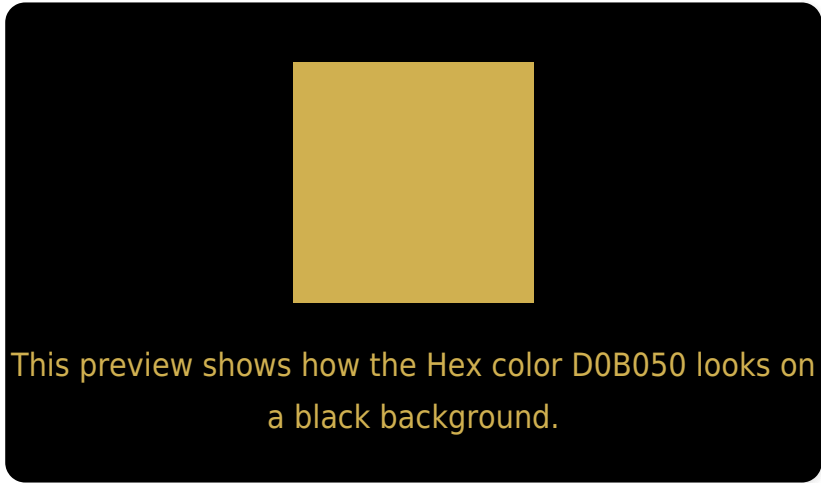
Large Text (above 18pt) WCAG AA × Fail

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 D0B050 Background



This preview shows how black text looks on a background with the Hex color D0B050.

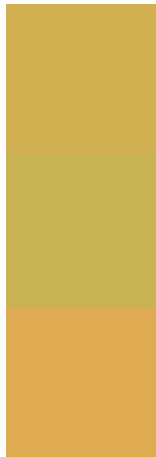


This preview shows how white text looks on a background with the Hex color D0B050.

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
D0B050

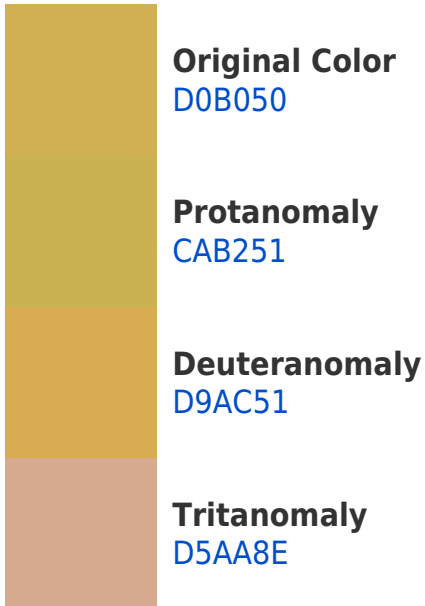
Protanopia
C7B351

Deuteranopia
DEAA52

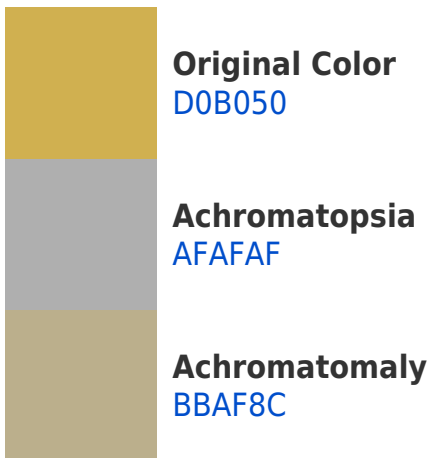


Tritanopia
D8A6B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D0B050 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 #D0B050 looks like.

```
.text, #text, p{  
    color:#D0B050  
}
```

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 #D0B050 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0B050
}
```

Border

The CSS property to change the border of an element to Hex D0B050 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
#D0B050 }
```

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

```
.border{ border-color:#D0B050 }
```

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

Here you see how a box with a 4 pixel #D0B050 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0B050; -webkit-box-shadow:4px 4px  
4px 4px #D0B050; box-shadow:4px 4px 4px  
4px #D0B050 }
```

Background

The CSS property to change the background color of an element to Hex D0B050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0B050 }
```

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

```
.background{ background-color:#D0B050 }
```

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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