

Converting Colors

Hex(D0B006)

Have a look what the booklet for
Hex(D0B006) contains.

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Color

Hex(D0B006)

Conversions

Conversions Part 1

Format	Color
Hex	D0B006
RGB	208, 176, 6
RGB Percent	82%, 69%, 2%
CMY	0.1843, 0.3098, 0.9765
CMYK	0.00, 0.15, 0.97, 0.18
HSL	50°, 94%, 42%
HSV	50°, 97%, 82%
XYZ	41.5706, 44.4737, 6.5656
YIQ	166.1880, 73.6420, -46.0860

Conversions

Conversions Part 2

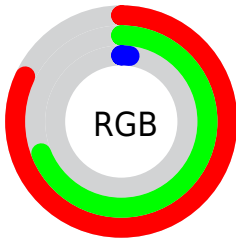
Format	Color
R _Y B	44, 208, 6
Decimal	13676550
CIE Lab	72.54, -2.12, 74.23
CIE LCh	73, 74.265, 91.635
Yxy	44.4737, 0.4489, 0.4802
Android (android.graphics.Color)	4291866630 (0xFFD0B006)
YUV	166.1880, -78.9727, 36.6691
Hunter-Lab	66.6886, -5.4363, 40.8449

Details

The Hex color **D0B006** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **0626D0**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFE751**, and **957C00** is the 20% darker color. If you saturate the color by 10%, you get **D0AF00**, and if you desaturate by 10%, it is **D0B31B**.

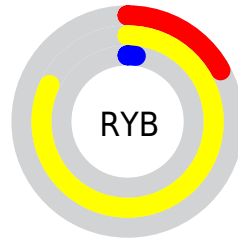
Distribution



Red (82%)

Green (69%)

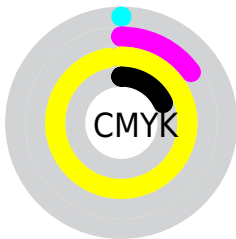
Blue (2%)



Red (17%)

Yellow (82%)

Blue (2%)

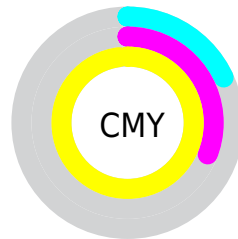


Cyan (0%)

Magenta (15%)

Yellow (97%)

Black (18%)



Cyan (18%)

Magenta (31%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color D0B006 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 D0B006 by changing the saturation by 10% instead.

 D0B006

 D0B006

FFFFFF

 B29600

 FFE751

 957C00

 FFFF6E

 786300

 FFFF8A

 5C4C00

 FFFFA6

 413600

 FFFFC3

 272100

 FFFFEO

 090B00

FFFFFFE

 000000

 D0B006

 D0B006

 D0AF00

 D0B31B

 D0B730

 D0BA44

 D0BD59

 D0C06E

 D0C483

 D0C798

 D0CAAC

 D0CEC1

Harmonies

Analogous

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



FF9635



D0B006



8BC230

Triad

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



D0B006



00D1F8



FF7FF4

Complementary

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



D0B006



0626D0

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.



B69EFF



D0B006



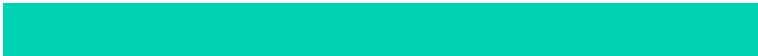
00C9FF

Square

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



D0B006



00D2B4



00B9FF



FF6EB1

Rectangle

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



D0B006



4ACA58



00B9FF



F189FF

Sweetspot

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



D0B006



FFF3B5



D00628



807853



000000



808080

Same Dimension

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



D0B006



FFD700



8DD006



69675E



A88E00



292200

Inverse Universe

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



0626D0



0028FF



4906D0



5E6069



001BA8



000629

Previews

White Background



This preview shows how the Hex color D0B006 looks on a white background.

Color Contrast Check

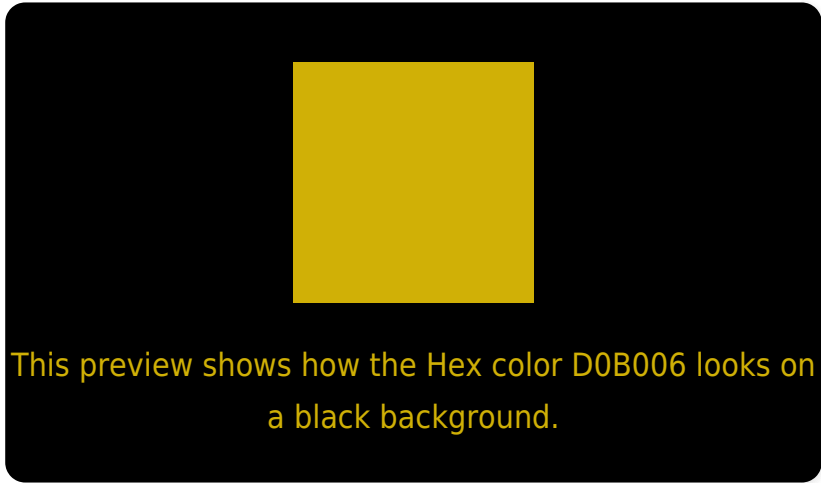
Large Text (above 18pt) WCAG AA × Fail

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 D0B006 Background



This preview shows how black text looks on a background with the Hex color D0B006.

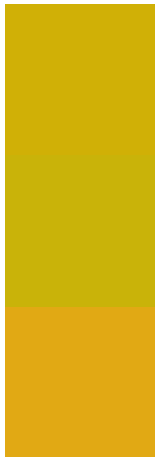


This preview shows how white text looks on a background with the Hex color D0B006.

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
D0B006

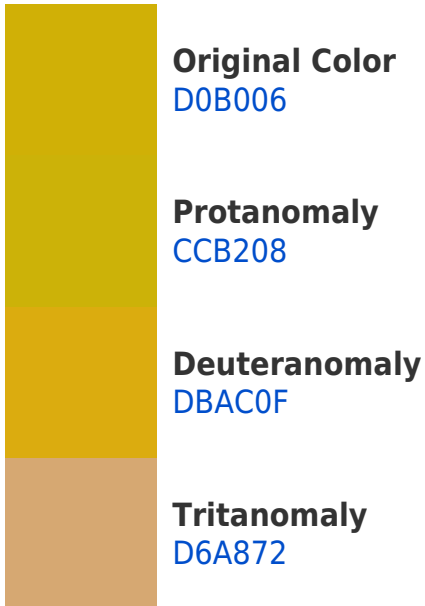
Protanopia
C9B309

Deuteranopia
E1A914

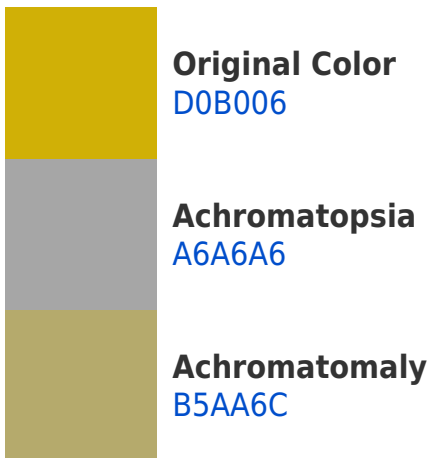


Tritanopia
DAA4B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D0B006 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 #D0B006 looks like.

```
.text, #text, p{  
    color:#D0B006  
}
```

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 #D0B006 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0B006
}
```

Border

The CSS property to change the border of an element to Hex D0B006 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
#D0B006 }
```

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

```
.border{ border-color:#D0B006 }
```

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

Here you see how a box with a 4 pixel #D0B006 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0B006; -webkit-box-shadow:4px 4px  
4px 4px #D0B006; box-shadow:4px 4px 4px  
4px #D0B006 }
```

Background

The CSS property to change the background color of an element to Hex D0B006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0B006 }
```

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

```
.background{ background-color:#D0B006 }
```

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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