

Converting Colors

Hex(D06B02)

Have a look what the booklet for
Hex(D06B02) contains.

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Color

Hex(D06B02)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | D06B02 |
| RGB | 208, 107, 2 |
| RGB Percent | 82%, 42%, 1% |
| CMY | 0.1843, 0.5804, 0.9922 |
| CMYK | 0.00, 0.49, 0.99, 0.18 |
| HSL | 31°, 98%, 41% |
| HSV | 31°, 99%, 82% |
| XYZ | 31.2811, 23.9297, 3.0276 |
| YIQ | 125.2290, 93.9010, -11.2430 |

Conversions

Conversions Part 2

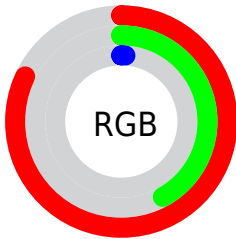
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 200, 208, 2 |
| Decimal | 13658882 |
| CIE Lab | 56.02, 34.79, 63.58 |
| CIE LCh | 56, 72.473, 61.311 |
| Yxy | 23.9297, 0.5371, 0.4109 |
| Android (android.graphics.Color) | 4291848962 (0xFFD06B02) |
| YUV | 125.2290, -60.7519, 72.5902 |
| Hunter-Lab | 48.9180, 28.5372, 30.5730 |

Details

The Hex color **D06B02** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **0267D0**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FFA043**, and **923900** is the 20% darker color. If you saturate the color by 10%, you get **D06A00**, and if you desaturate by 10%, it is **D07517**.

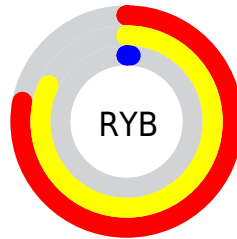
Distribution



Red (82%)

Green (42%)

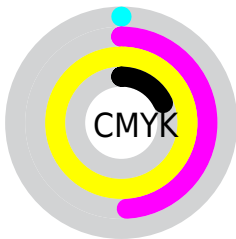
Blue (1%)



Red (78%)

Yellow (82%)

Blue (1%)

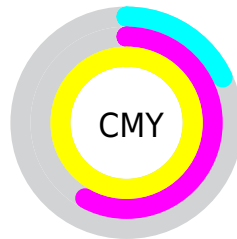


Cyan (0%)

Magenta (49%)

Yellow (99%)

Black (18%)



Cyan (18%)

Magenta (58%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color D06B02 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 D06B02 by changing the saturation by 10% instead.

 D06B02

 D06B02

FFFFFF

 B15200

 FFA043

 923900

 FFBB5D

 742100

 FFD778

 570500

 FFF493

 3B0000

 FFFF4F

 1F0001

 FFFFCB

 000000

 FFFF80

 D06B02

 D06B02

 D06A00

 D07517

 D07F2C

 D08A40

 D09455

 D09E6A

 D0A87F

 D0B294

 D0BDA8

 D0C7BD

Harmonies

Analogous

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



EF4C49



D06B02



9F8500

Triad

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



D06B02



00A287



8574F3

Complementary

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



D06B02



0267D0

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.



008DFF



D06B02



00A2C6

Square

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



D06B02



009E45



009CF5



D353C4

Rectangle

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



D06B02



779000



009CF5



577EFD

Sweetspot

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



D06B02



FFD9B3



D00269



806952



000000



808080

Same Dimension

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



D06B02



FF8200



D0D002



69635E



A85600



291500

Inverse Universe

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



0267D0



007DFF



0202D0



5E6369



0053A8



001429

Previews

White Background



This preview shows how the Hex color D06B02 looks on a white background.

Color Contrast Check

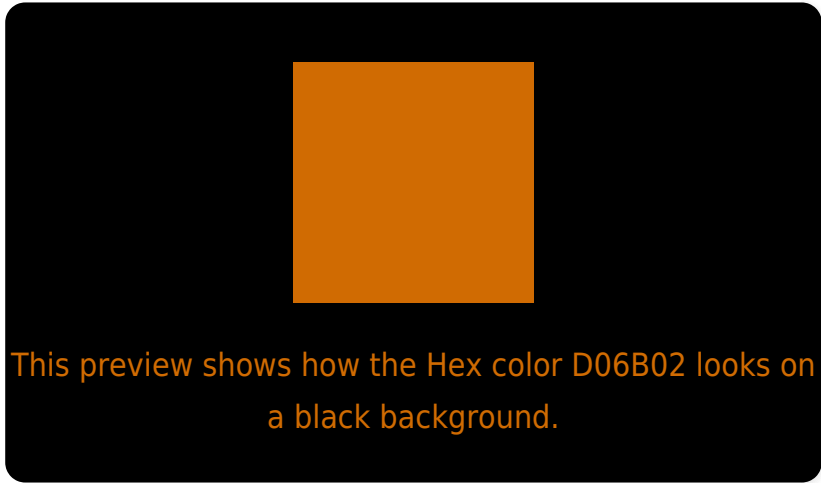
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex D06B02 Background



This preview shows how black text looks on a background with the Hex color D06B02.



This preview shows how white text looks on a background with the Hex color D06B02.

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
D06B02

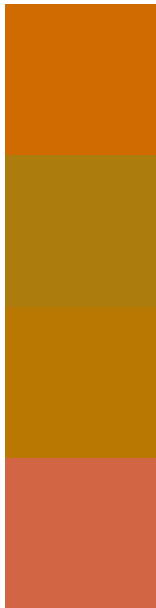
Protanopia
988712

Deuteranopia
AA8000



Tritanopia
D3636A

Trichromacy



Original Color
D06B02

Protanomaly
AC7D0C

Deuteranomaly
B87801

Tritanomaly
D26644

Monochromacy



Original Color
D06B02

Achromatopsia
7D7D7D

Achromatomaly
9B7650

CSS Examples

Text

The CSS property to change the color of the text to Hex D06B02 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 #D06B02 looks like.

```
.text, #text, p{  
    color:#D06B02  
}
```

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 #D06B02 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D06B02
}
```

Border

The CSS property to change the border of an element to Hex D06B02 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
#D06B02 }
```

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

```
.border{ border-color:#D06B02 }
```

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

Here you see how a box with a 4 pixel #D06B02 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D06B02; -webkit-box-shadow:4px 4px  
4px 4px #D06B02; box-shadow:4px 4px 4px  
4px #D06B02 }
```

Background

The CSS property to change the background color of an element to Hex D06B02 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D06B02 }
```

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

```
.background{ background-color:#D06B02 }
```

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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