

Converting Colors

Hex(B06D00)

Have a look what the booklet for
Hex(B06D00) contains.

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Color

Hex(B06D00)

Conversions

Conversions Part 1

Format	Color
Hex	B06D00
RGB	176, 109, 0
RGB Percent	69%, 43%, 0%
CMY	0.3098, 0.5725, 1.0000
CMYK	0.00, 0.38, 1.00, 0.31
HSL	37°, 100%, 35%
HSV	37°, 100%, 69%
XYZ	23.3731, 20.1674, 2.6608
YIQ	116.6070, 74.9210, -19.6950

Conversions

Conversions Part 2

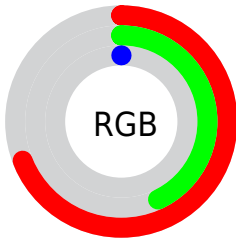
Format	Color
RYB	108, 176, 0
Decimal	11562240
CIELab	52.03, 20.04, 59.25
CIELCh	52, 62.545, 71.314
Yxy	20.1674, 0.5059, 0.4365
Android (android.graphics.Color)	4289752320 (0xFFB06D00)
YUV	116.6070, -57.4873, 52.0877
Hunter-Lab	44.9081, 14.3139, 27.9228

Details

The Hex color **B06D00** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0043B0**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **EDA140**, and **753D00** is the 20% darker color. If you saturate the color by 10%, you get **B06D00**, and if you desaturate by 10%, it is **B07412**.

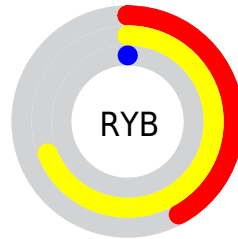
Distribution



Red (69%)

Green (43%)

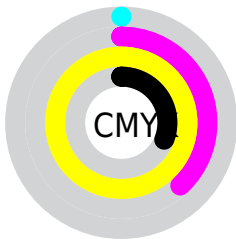
Blue (0%)



Red (42%)

Yellow (69%)

Blue (0%)

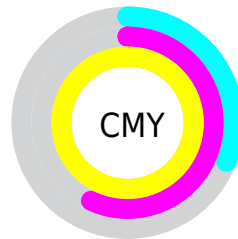


Cyan (0%)

Magenta (38%)

Yellow (100%)

Black (31%)



Cyan (31%)

Magenta (57%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color B06D00 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 B06D00 by changing the saturation by 10% instead.

 B06D00

 B06D00

FFFFFF

 925500

 EDA140

 753D00

 FFBC5B

 592700

 FFD775

 3D1200

 FFF490

 260000

 FFFFAC

 000000

 FFFFC8

 FFFFE4

 B06D00

 B07412

 B07A23

 B08135

 B08846

 B08E58

 B0956A

 B09C7B

 B0A38D

 B0A99E

Harmonies

Analogous

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



D05537



B06D00



828000

Triad

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



B06D00



009590



9764CD

Complementary

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



B06D00



0043B0

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.



117CE6



B06D00



0093C2

Square

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



B06D00



009258



008BE2



CA4BA0

Rectangle

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



B06D00



5D890C



008BE2



7D6DD8

Sweetspot

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



B06D00



E6CBA1



B00043



736349



F2F2F2



737373

Same Dimension

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



B06D00



E68E00



9BB000



595650



995F00



1A1000

Inverse Universe

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



0043B0



0057E6



1500B0



505459



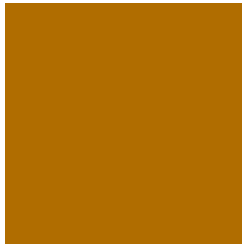
003A99



000A1A

Previews

White Background



This preview shows how the Hex color B06D00 looks on a white background.

Color Contrast Check

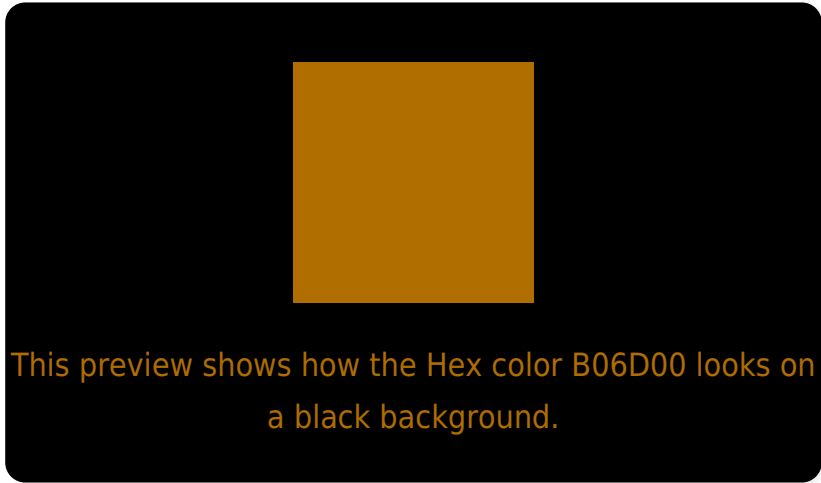
Large Text (above 18pt) WCAG AA ✓ Pass

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 B06D00 Background



This preview shows how black text looks on a background with the Hex color B06D00.



This preview shows how white text looks on a background with the Hex color B06D00.

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
B06D00

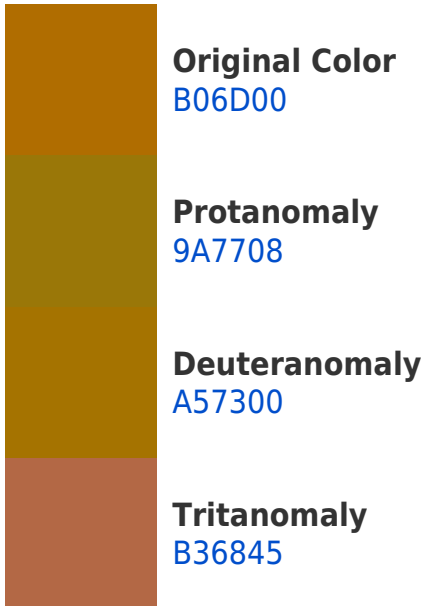
Protanopia
8D7D0D

Deuteranopia
9E7600

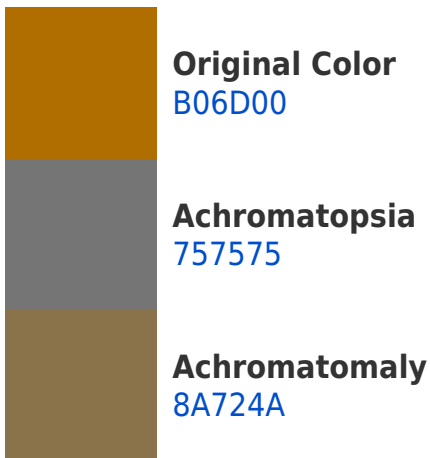


Tritanopia
B4656D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B06D00 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 #B06D00 looks like.

```
.text, #text, p{  
    color:#B06D00  
}
```

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 #B06D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B06D00
}
```

Border

The CSS property to change the border of an element to Hex B06D00 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
#B06D00 }
```

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

```
.border{ border-color:#B06D00 }
```

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

Here you see how a box with a 4 pixel #B06D00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B06D00; -webkit-box-shadow:4px 4px  
4px 4px #B06D00; box-shadow:4px 4px 4px  
4px #B06D00 }
```

Background

The CSS property to change the background color of an element to Hex B06D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B06D00 }
```

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

```
.background{ background-color:#B06D00 }
```

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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