

# Converting Colors

Hex(B06600)

Have a look what the booklet for  
Hex(B06600) contains.

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**Color**

**Hex(B06600)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B06600
RGB	176, 102, 0
RGB Percent	69%, 40%, 0%
CMY	0.3098, 0.6000, 1.0000
CMYK	0.00, 0.42, 1.00, 0.31
HSL	35°, 100%, 35%
HSV	35°, 100%, 69%
XYZ	22.6559, 18.7328, 2.4217
YIQ	112.4980, 76.8460, -16.0340

# Conversions

## Conversions Part 2

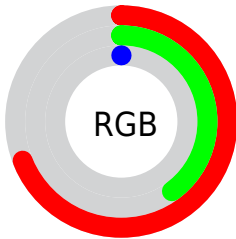
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	128, 176, 0
Decimal	11560448
CIE <sub>Lab</sub>	50.37, 23.92, 58.19
CIE <sub>LCh</sub>	50, 62.918, 67.651
Yxy	18.7328, 0.5171, 0.4276
Android (android.graphics.Color)	4289750528 (0xFFB06600)
YUV	112.4980, -55.4615, 55.6913
Hunter-Lab	43.2815, 17.6940, 26.9796

# Details

The Hex color **B06600** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **004AB0**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **ED993F**, and **753600** is the 20% darker color. If you saturate the color by 10%, you get **B06600**, and if you desaturate by 10%, it is **B06D12**.

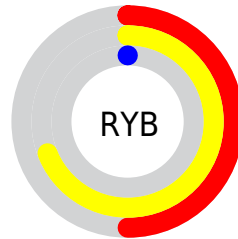
# Distribution



Red (69%)

Green (40%)

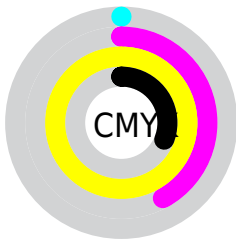
Blue (0%)



Red (50%)

Yellow (69%)

Blue (0%)

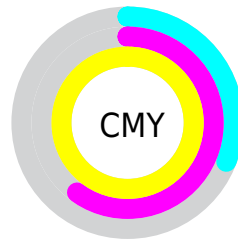


Cyan (0%)

Magenta (42%)

Yellow (100%)

Black (31%)



Cyan (31%)

Magenta (60%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B06600 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 B06600 by changing the saturation by 10% instead.



 B06600

 B06600

FFFFFF

 924E00

 ED993F

 753600

 FFB459

 582000

 FFD073

 3D0900

 FFEC8E

 260001

 FFFFAA

 000000

 FFFFC6

 FFFFEE

 B06600


 B06D12


 B07523

 B07C35

 B08446

 B08B58

 B0926A

 B09A7B

 B0A18D

 B0A99E

# Harmonies

## Analogous

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



CE4D39



B06600



847A00

# Triad

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



B06600



009085



8A63CD

# Complementary

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



B06600



004AB0

# 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.



007AE3



B06600



008FB8

# Square

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



B06600



008D4D



0088DB



C248A2

# Rectangle

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



B06600



608300



0088DB



6C6BD8



# Sweetspot

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



B06600



E6C9A1



B0004C



736149



F2F2F2



737373



# Same Dimension

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



B06600



E68500



A4B000



595550



995900



1A0F00



# Inverse Universe

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



004AB0



0060E6



0C00B0



505459



004099

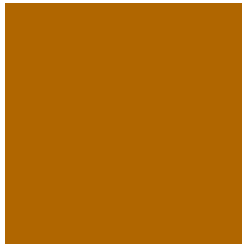


000B1A



# Previews

## White Background



This preview shows how the Hex color B06600 looks on a white background.

## Color Contrast Check

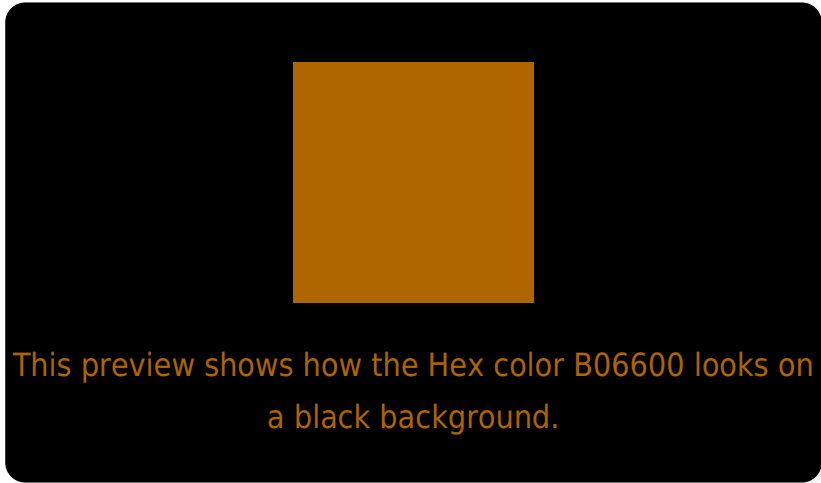
Large Text (above 18pt) WCAG AA ✓ Pass

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 B06600 Background



This preview shows how black text looks on a background with the Hex color B06600.



This preview shows how white text looks on a background with the Hex color B06600.

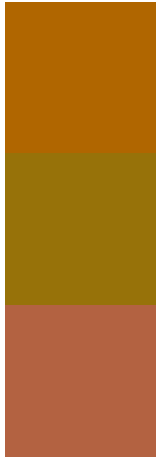
# Color Blindness Simulation

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



# Trichromacy



**Original Color**  
B06600

**Protanomaly**  
977209

**Tritanomaly**  
B36241

# Monochromacy



**Original Color**  
B06600

**Achromatopsia**  
707070

**Achromatomaly**  
876C47

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B06600 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 #B06600 looks like.

```
.text, #text, p{  
    color:#B06600  
}
```

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 #B06600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B06600
}
```

## Border

The CSS property to change the border of an element to Hex B06600 is called "border". The border property can be set on classes, ids or directly on the HTML element.

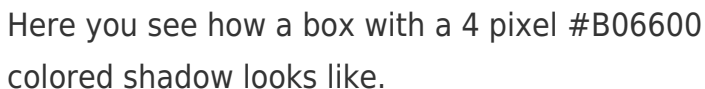
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B06600 }
```

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

```
.border{ border-color:#B06600 }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, extending from the bottom and right sides of the box.

Here you see how a box with a 4 pixel #B06600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B06600; -webkit-box-shadow:4px 4px  
4px 4px #B06600; box-shadow:4px 4px 4px  
4px #B06600 }
```

# Background

The CSS property to change the background color of an element to Hex B06600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B06600 }
```

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

```
.background{ background-color:#B06600 }
```

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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