

# Converting Colors

Hex(B06E32)

Have a look what the booklet for  
Hex(B06E32) contains.

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**Color**

**Hex(B06E32)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B06E32
RGB	176, 110, 50
RGB Percent	69%, 43%, 20%
CMY	0.3098, 0.5686, 0.8039
CMYK	0.00, 0.37, 0.72, 0.31
HSL	29°, 56%, 44%
HSV	29°, 72%, 69%
XYZ	24.0561, 20.6123, 5.7283
YIQ	122.8940, 58.5960, -4.6680

# Conversions

## Conversions Part 2

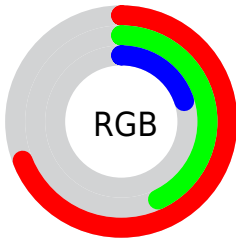
<b>Format</b>	<b>Color</b>
<b>RYB</b>	176, 165, 50
Decimal	11562546
CIELab	52.52, 20.92, 43.20
CIELCh	53, 48.000, 64.162
Yxy	20.6123, 0.4773, 0.4090
Android (android.graphics.Color)	4289752626 (0xFFB06E32)
YUV	122.8940, -35.9367, 46.5740
Hunter-Lab	45.4007, 15.1292, 24.2998

# Details

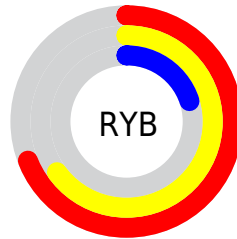
The Hex color **B06E32** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3274B0**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **EBA263**, and **773E00** is the 20% darker color. If you saturate the color by 10%, you get **B06520**, and if you desaturate by 10%, it is **B07744**.

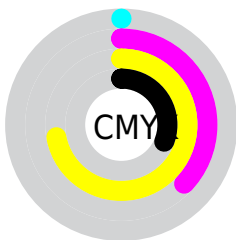
# Distribution



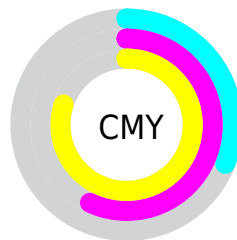
- Red (69%)
- Green (43%)
- Blue (20%)



- Red (69%)
- Yellow (65%)
- Blue (20%)



- Cyan (0%)
- Magenta (37%)
- Yellow (72%)
- Black (31%)



- Cyan (31%)
- Magenta (57%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B06E32 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 B06E32 by changing the saturation by 10% instead.



 B06E32

 B06E32

FFFFFF

 93551A

 EBA263

 773E00

 FFBD7D

 5B2700

 FFD997

 401200

 FFF5B3

 280000

 FFFFCE

 000000

 FFFFEB

 B06E32

 B06E32

 B06520

 B07744

 B05C0F

 B08055

 B05400

 B08A67

 B09378

 B09C8A

 B0A59C

 B0AFAD

 B0B8BF

 B0C1D0

# Harmonies

## Analogous

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



C55F51



B06E32



8E7D25

# Triad

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



B06E32



009182



8770C2

# Complementary

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



B06E32



3274B0

# 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.



3180D0



B06E32



0090AA

# Square

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



B06E32



228F58



008BC7



B460A2

# Rectangle

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



B06E32



73852D



008BC7



7176C9



# Sweetspot

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



B06E32



E6CCB5



B03275



736456



F2F2F2



737373



# Same Dimension

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



B06E32



E67E20



B0AC32



595550



994900



1A0C00



# Inverse Universe

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



3274B0



2088E6



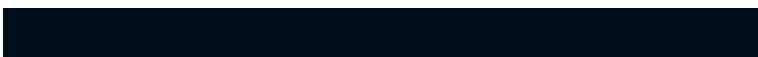
3236B0



505559



005099



000D1A



# Previews

## White Background



This preview shows how the Hex color B06E32 looks on a white background.

## Color Contrast Check

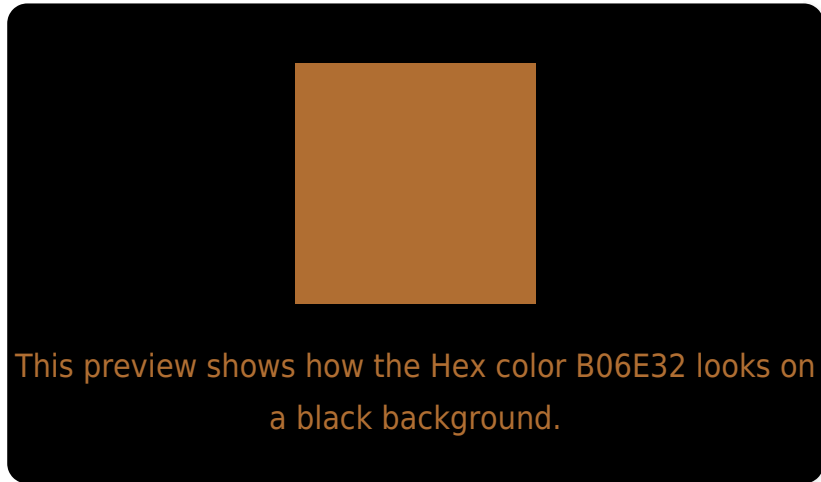
Large Text (above 18pt) WCAG AA ✓ Pass

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

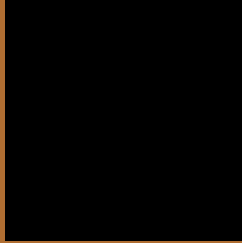
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B06E32 Background



This preview shows how black text looks on a background with the Hex color B06E32.



This preview shows how white text looks on a background with the Hex color B06E32.

# 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**  
B06E32

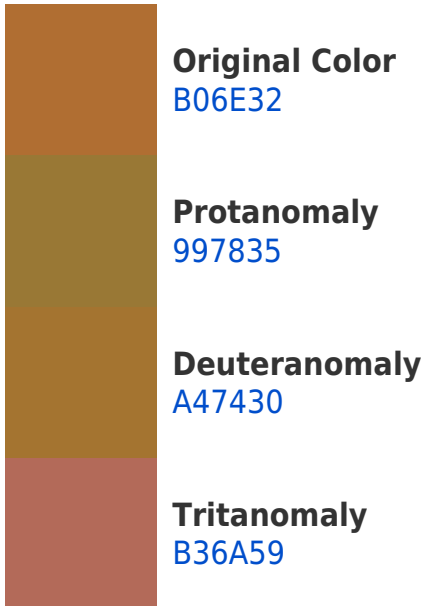
**Protanopia**  
8C7E37

**Deuteranopia**  
9D782F

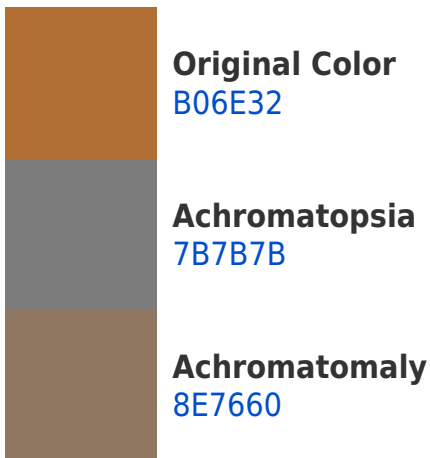


**Tritanopia**  
B4676F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B06E32 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 #B06E32 looks like.

```
.text, #text, p{  
    color:#B06E32  
}
```

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 #B06E32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B06E32  
}
```

## Border

The CSS property to change the border of an element to Hex B06E32 is called "border". The border property can be set on classes, ids or directly on the HTML element.

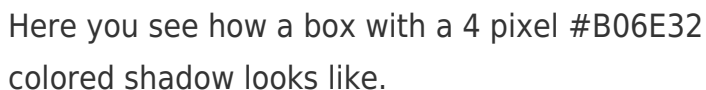
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#B06E32 }
```

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

```
.border{ border-color:#B06E32 }
```

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, and is positioned to the right and bottom of the box.

Here you see how a box with a 4 pixel #B06E32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B06E32; -webkit-box-shadow:4px 4px  
4px 4px #B06E32; box-shadow:4px 4px 4px  
4px #B06E32 }
```

# Background

The CSS property to change the background color of an element to Hex B06E32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B06E32 }
```

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

```
.background{ background-color:#B06E32 }
```

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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