

Converting Colors

Hex(B06B34)

Have a look what the booklet for
Hex(B06B34) contains.

Hex(B06B34)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B06B34)

Conversions

Conversions Part 1

Format	Color
Hex	B06B34
RGB	176, 107, 52
RGB Percent	69%, 42%, 20%
CMY	0.3098, 0.5804, 0.7961
CMYK	0.00, 0.39, 0.70, 0.31
HSL	27°, 54%, 45%
HSV	27°, 70%, 69%
XYZ	23.7820, 19.9934, 5.8545
YIQ	121.3610, 58.7790, -2.4770

Conversions

Conversions Part 2

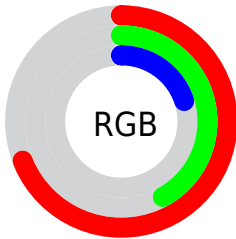
Format	Color
R_{YB}	176, 151, 52
Decimal	11561780
CIE Lab	51.83, 22.70, 41.46
CIE LCh	52, 47.268, 61.299
Yxy	19.9934, 0.4792, 0.4029
Android (android.graphics.Color)	4289751860 (0xFFB06B34)
YUV	121.3610, -34.1950, 47.9184
Hunter-Lab	44.7140, 16.6892, 23.5369

Details

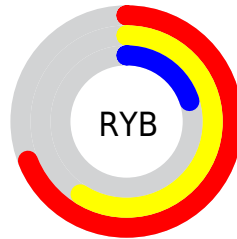
The Hex color **B06B34** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3479B0**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **EB9F65**, and **773B02** is the 20% darker color. If you saturate the color by 10%, you get **B06122**, and if you desaturate by 10%, it is **B07546**.

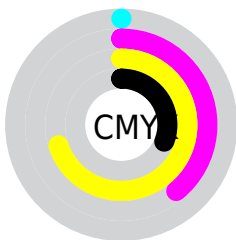
Distribution



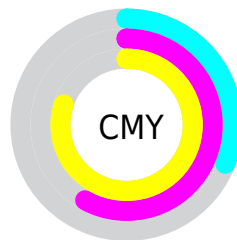
- Red (69%)
- Green (42%)
- Blue (20%)



- Red (69%)
- Yellow (59%)
- Blue (20%)



- Cyan (0%)
- Magenta (39%)
- Yellow (70%)
- Black (31%)



- Cyan (31%)
- Magenta (58%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color B06B34 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 B06B34 by changing the saturation by 10% instead.

 B06B34

 B06B34

FFFFFF

 93521C

 EB9F65

 773B02

 FFBA7F

 5B2400

 FFD699

 3F0E00

 FFF2B4

 280000

 FFFFD0

 000000

 FFFFED

 B06B34

 B06B34

 B06122

 B07546

 B05711

 B07F57

 B04E00

 B08869

 B0927A

 B09C8C

 B0A69E

 B0B0AF

 B0B9C1

 B0C3D2

Harmonies

Analogous

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



C35C54



B06B34



907A25

Triad

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



B06B34



008F7C



7F70C1

Complementary

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



B06B34



3479B0

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.



207FCC



B06B34



008FA4

Square

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



B06B34



2C8C53



008AC2



AE60A3

Rectangle

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



B06B34



76822B



008AC2



6976C7

Sweetspot

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



B06B34



E6CBB5



B0347A



736356



F2F2F2



737373

Same Dimension

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



B06B34



E67922



B0A834



595450



994400



1A0B00

Inverse Universe

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



3479B0



228FE6



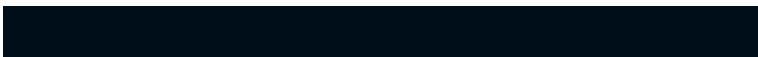
343CB0



505559



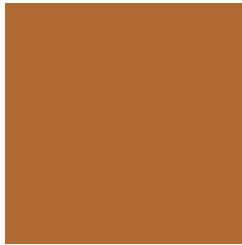
005599



000E1A

Previews

White Background



This preview shows how the Hex color B06B34 looks on a white background.

Color Contrast Check

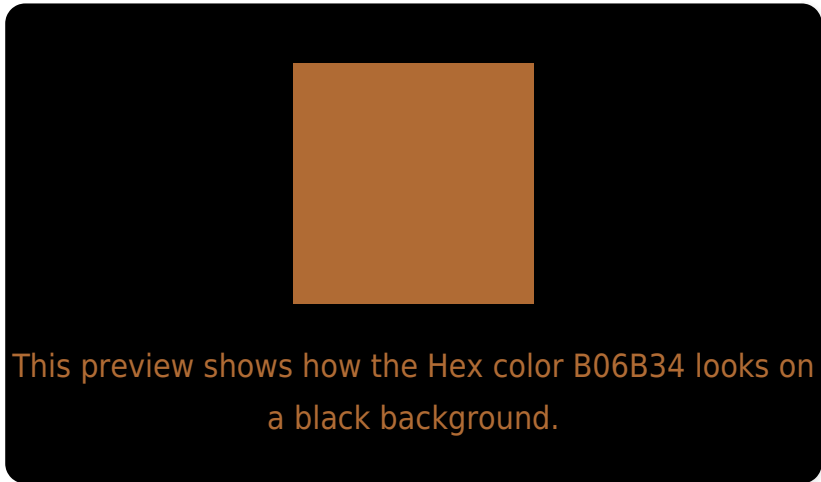
Large Text (above 18pt) WCAG AA ✓ Pass

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

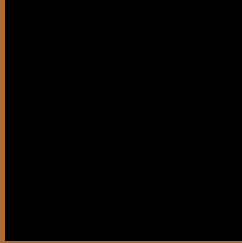
Any Text WCAG AA ✓ Pass

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 B06B34 Background



This preview shows how black text looks on a background with the Hex color B06B34.



This preview shows how white text looks on a background with the Hex color B06B34.

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
B06B34

Protanopia
8A7C39

Deuteranopia
9A7631

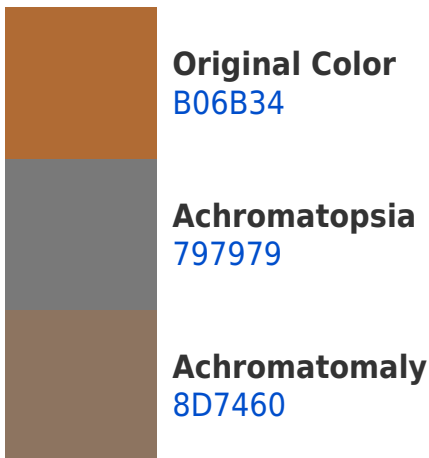


Tritanopia
B3656C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B06B34 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 #B06B34 looks like.

```
.text, #text, p{  
    color:#B06B34  
}
```

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 #B06B34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B06B34
}
```

Border

The CSS property to change the border of an element to Hex B06B34 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
#B06B34 }
```

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

```
.border{ border-color:#B06B34 }
```

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

Here you see how a box with a 4 pixel #B06B34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B06B34; -webkit-box-shadow:4px 4px  
4px 4px #B06B34; box-shadow:4px 4px 4px  
4px #B06B34 }
```

Background

The CSS property to change the background color of an element to Hex B06B34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B06B34 }
```

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

```
.background{ background-color:#B06B34 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor