

Converting Colors

Hex(B06946)

Have a look what the booklet for
Hex(B06946) contains.

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Color

Hex(B06946)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | B06946 |
| RGB | 176, 105, 70 |
| RGB Percent | 69%, 41%, 27% |
| CMY | 0.3098, 0.5882, 0.7255 |
| CMYK | 0.00, 0.40, 0.60, 0.31 |
| HSL | 20°, 43%, 48% |
| HSV | 20°, 60%, 69% |
| XYZ | 24.0616, 19.7755, 8.3432 |
| YIQ | 122.2390, 53.5510, 4.1670 |

Conversions

Conversions Part 2

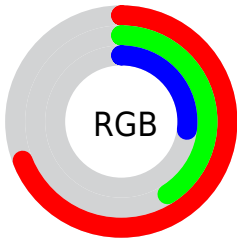
| Format | Color |
|-------------------------------------|--|
| RYB | 176, 122, 70 |
| Decimal | 11561286 |
| CIELab | 51.58, 25.00, 31.57 |
| CIElCh | 52, 40.270, 51.632 |
| Yxy | 19.7755, 0.4611, 0.3790 |
| Android (android.graphics.Color) | 4289751366 (0xFFB06946) |
| YUV | 122.2390, -25.7538, 47.1484 |
| Hunter-Lab | 44.4696, 18.7608, 20.0050 |

Details

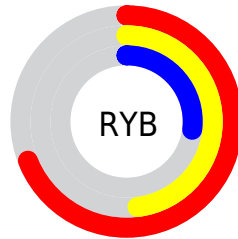
The Hex color **B06946** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **468DB0**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **EB9D77**, and **773919** is the 20% darker color. If you saturate the color by 10%, you get **B05D34**, and if you desaturate by 10%, it is **B07558**.

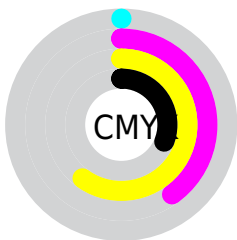
Distribution



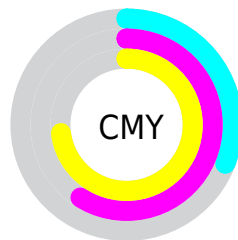
- Red (69%)
- Green (41%)
- Blue (27%)



- Red (69%)
- Yellow (48%)
- Blue (27%)



- Cyan (0%)
- Magenta (40%)
- Yellow (60%)
- Black (31%)



- Cyan (31%)
- Magenta (59%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color B06946 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 B06946 by changing the saturation by 10% instead.

 B06946

 B06946

FFFFFF

 93502F

 EB9D77

 773919

 FFB891

 5C2200

 FFD4AC

 410B00

 FFF0C7

 290000

 FFFFEE

 000000

 B06946

 B06946

 B05D34

 B07558

 B05123

 B08169

 B04611

 B08C7B

 B03A00

 B0988C

 B0A49E

 B0B0B0

 B0BCC1

 B0C7D3

 B0D3E4

Harmonies

Analogous

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



BC5F63



B06946



987635

Triad

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



B06946



008C70



6E76BB

Complementary

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



B06946



468DB0

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.



1981BF



B06946



008C93

Square

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



B06946



4E884F



0089B0



9C68A6

Rectangle

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



B06946



827D35



0089B0



597ABE

Sweetspot

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



B06946



E6CABC



B0468E



73625A



F2F2F2



737373

Same Dimension

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



B06946



E67740



B09D46



595350



993300



1A0800

Inverse Universe

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



468DB0



40AFE6



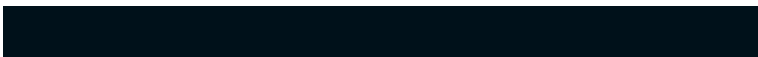
4659B0



505659



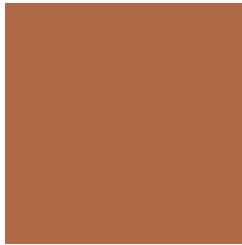
006699



00111A

Previews

White Background



This preview shows how the Hex color B06946 looks on a white background.

Color Contrast Check

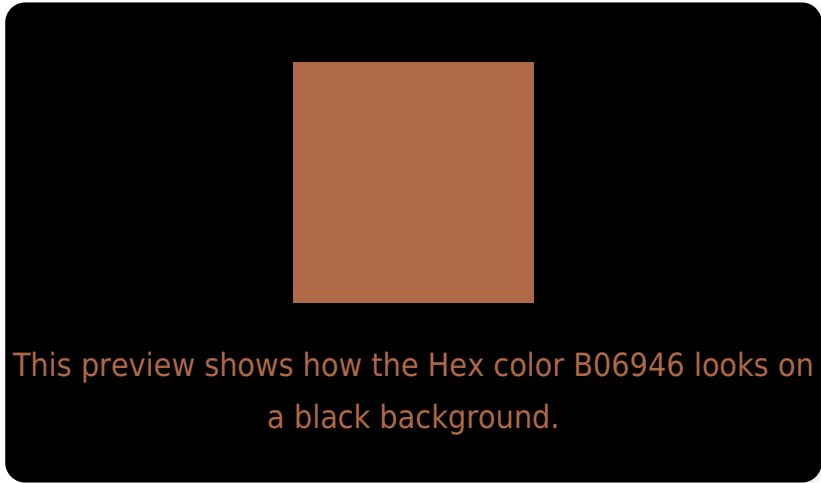
Large Text (above 18pt) WCAG AA ✓ Pass

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

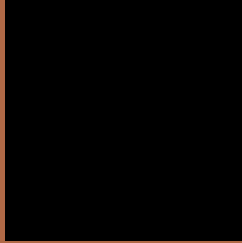
Any Text WCAG AA ✓ Pass

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 B06946 Background



This preview shows how black text looks on a background with the Hex color B06946.



This preview shows how white text looks on a background with the Hex color B06946.

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
B06946

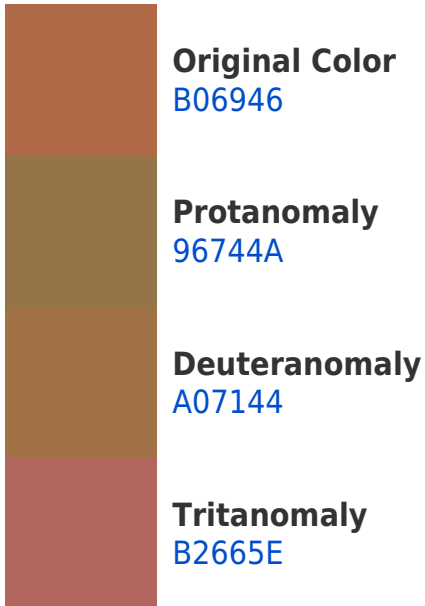
Protanopia
877B4D

Deuteranopia
977643

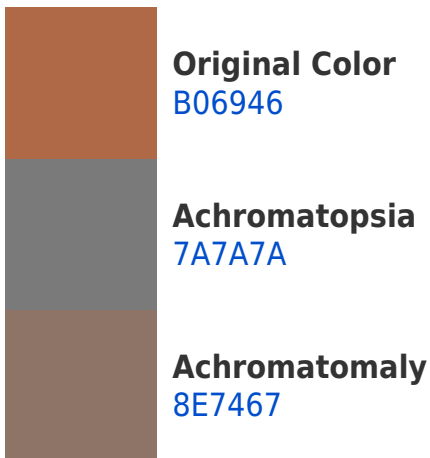


Tritanopia
B3646C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B06946 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 #B06946 looks like.

```
.text, #text, p{  
    color:#B06946  
}
```

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 #B06946 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B06946
}
```

Border

The CSS property to change the border of an element to Hex B06946 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
#B06946 }
```

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

```
.border{ border-color:#B06946 }
```

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

Here you see how a box with a 4 pixel #B06946 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B06946; -webkit-box-shadow:4px 4px  
4px 4px #B06946; box-shadow:4px 4px 4px  
4px #B06946 }
```

Background

The CSS property to change the background color of an element to Hex B06946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B06946 }
```

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

```
.background{ background-color:#B06946 }
```

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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