

Converting Colors

Hex(B96A38)

Have a look what the booklet for
Hex(B96A38) contains.

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Color

Hex(B96A38)

Conversions

Conversions Part 1

Format	Color
Hex	B96A38
RGB	185, 106, 56
RGB Percent	73%, 42%, 22%
CMY	0.2745, 0.5843, 0.7804
CMYK	0.00, 0.43, 0.70, 0.27
HSL	23°, 54%, 47%
HSV	23°, 70%, 73%
XYZ	25.8754, 20.9079, 6.4132
YIQ	123.9210, 63.1340, 1.1980

Conversions

Conversions Part 2

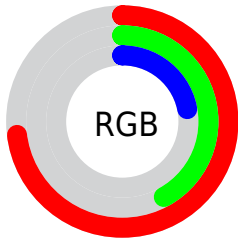
Format	Color
R_{YB}	185, 138, 56
Decimal	12151352
CIE _{Lab}	52.85, 27.29, 40.89
CIE _{LCh}	53, 49.162, 56.275
Yxy	20.9079, 0.4864, 0.3930
Android (android.graphics.Color)	4290341432 (0xFFB96A38)
YUV	123.9210, -33.4851, 53.5663
Hunter-Lab	45.7251, 20.9925, 23.6918

Details

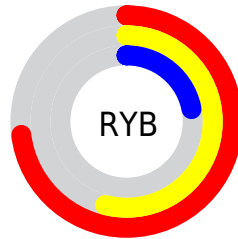
The Hex color **B96A38** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **3887B9**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **F59E69**, and **7F3907** is the 20% darker color. If you saturate the color by 10%, you get **B95F26**, and if you desaturate by 10%, it is **B9754A**.

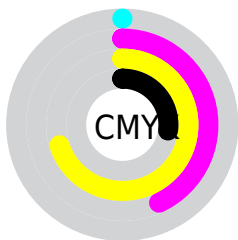
Distribution



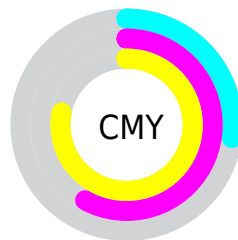
- Red (73%)
- Green (42%)
- Blue (22%)



- Red (73%)
- Yellow (54%)
- Blue (22%)



- Cyan (0%)
- Magenta (43%)
- Yellow (70%)
- Black (27%)



- Cyan (27%)
- Magenta (58%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color B96A38 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 B96A38 by changing the saturation by 10% instead.

 B96A38

 B96A38

FFFFFF

 9C5120

 F59E69

 7F3907

 FFB983

 632200

 FFD59D

 470A00

 FFF2B8

 2D0000

 FFFFD4

 000000

 FFFFF1

 B96A38

 B96A38

 B95F26

 B9754A


 B95313

 B9815D

 B94801

 B98C70

 B94800

 B99782

 B9A395

 B9AEA7

 B9B9BA

 B9C5CC

 B9D0DE

Harmonies

Analogous

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



CA5B5B



B96A38



997A24

Triad

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



B96A38



009277



7675CA

Complementary

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



B96A38



3887B9

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.



0084D2



B96A38



0092A2

Square

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



B96A38



388F4D



008EC4



AD64AE

Rectangle

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



B96A38



7F8326



008EC4



5C7BCF

Sweetspot

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



B96A38



F0D1BD



B93888



78665A



F7F7F7



787878

Same Dimension

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



B96A38



F07426



B9AA38



5C5653



9C3C00



1C0B00

Inverse Universe

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



3887B9



26A2F0



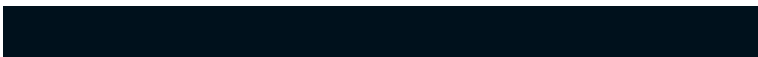
3847B9



53585C



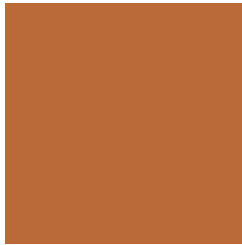
005F9C



00111C

Previews

White Background



This preview shows how the Hex color B96A38 looks on a white background.

Color Contrast Check

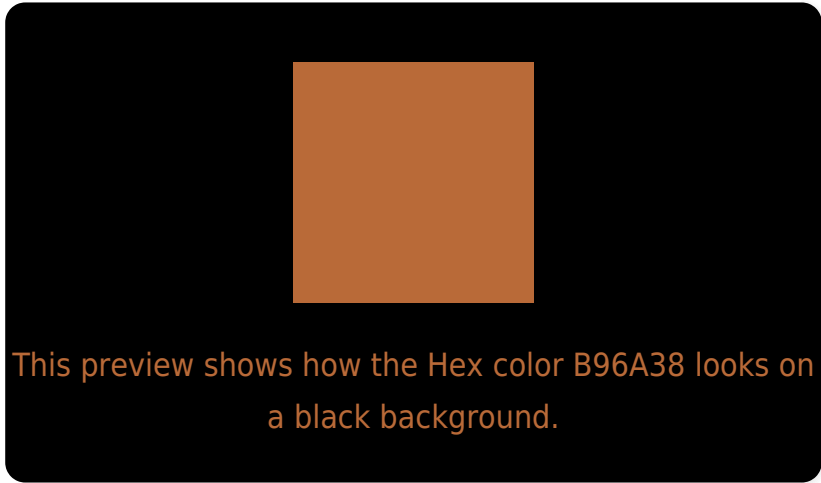
Large Text (above 18pt) WCAG AA ✓ Pass

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

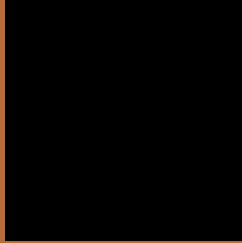
Any Text WCAG AA ✓ Pass

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 B96A38 Background



This preview shows how black text looks on a background with the Hex color B96A38.



This preview shows how white text looks on a background with the Hex color B96A38.

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
B96A38

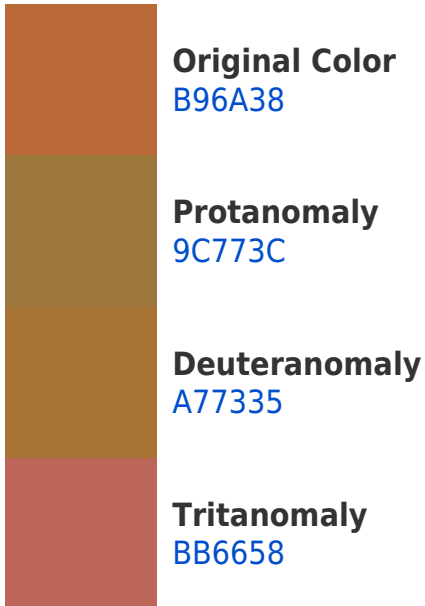
Protanopia
8C7F3E

Deuteranopia
9D7834



Tritanopia
BC646B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B96A38 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 #B96A38 looks like.

```
.text, #text, p{  
    color:#B96A38  
}
```

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 #B96A38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B96A38
}
```

Border

The CSS property to change the border of an element to Hex B96A38 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
#B96A38 }
```

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

```
.border{ border-color:#B96A38 }
```

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

Here you see how a box with a 4 pixel #B96A38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B96A38; -webkit-box-shadow:4px 4px  
4px 4px #B96A38; box-shadow:4px 4px 4px  
4px #B96A38 }
```

Background

The CSS property to change the background color of an element to Hex B96A38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B96A38 }
```

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

```
.background{ background-color:#B96A38 }
```

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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