

# Converting Colors

Hex(B16A38)

Have a look what the booklet for  
Hex(B16A38) contains.

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**Color**

**Hex(B16A38)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B16A38
RGB	177, 106, 56
RGB Percent	69%, 42%, 22%
CMY	0.3059, 0.5843, 0.7804
CMYK	0.00, 0.40, 0.68, 0.31
HSL	25°, 52%, 46%
HSV	25°, 68%, 69%
XYZ	23.9993, 19.9407, 6.3254
YIQ	121.5290, 58.3660, -0.4980

# Conversions

## Conversions Part 2

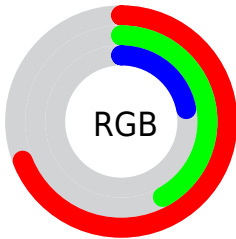
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	177, 141, 56
Decimal	11627064
CIE Lab	51.77, 23.91, 39.39
CIE LCh	52, 46.077, 58.735
Yxy	19.9407, 0.4775, 0.3967
Android (android.graphics.Color)	4289817144 (0xFFB16A38)
YUV	121.5290, -32.3058, 48.6481
Hunter-Lab	44.6550, 17.7864, 22.8600

# Details

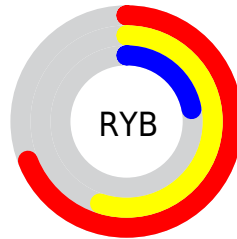
The Hex color **B16A38** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **387FB1**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **EC9E69**, and **783A08** is the 20% darker color. If you saturate the color by 10%, you get **B16026**, and if you desaturate by 10%, it is **B1744A**.

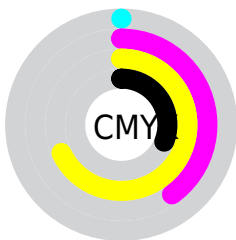
# Distribution



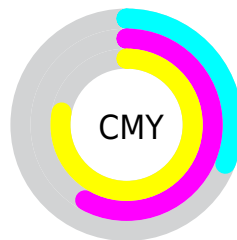
- Red (69%)
- Green (42%)
- Blue (22%)



- Red (69%)
- Yellow (55%)
- Blue (22%)



- Cyan (0%)
- Magenta (40%)
- Yellow (68%)
- Black (31%)



- Cyan (31%)
- Magenta (58%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B16A38 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 B16A38 by changing the saturation by 10% instead.



 B16A38

 B16A38

FFFFFF

 945121

 EC9E69

 783A08

 FFB983

 5C2300

 FFD59D

 400D00

 FFF1B8

 290000

 FFFFD4

 000000

 FFFFF1

 B16A38

 B16A38

 B16026

 B1744A

 B15515

 B17F5B

 B14B03

 B1896D

 B14900

 B1947F

 B19E91

 B1A8A2

 B1B3B4

 B1BDC6

 B1C7D7

# Harmonies

## Analogous

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



C25C58



B16A38



937928

# Triad

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



B16A38



008F78



7A72C1

# Complementary

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



B16A38



387FB1

# 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.



1680CA



B16A38



008EA0

# Square

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



B16A38



368B51



008ABE



AA62A5

# Rectangle

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



B16A38



79812C



008ABE



6377C6



# Sweetspot

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



B16A38



E6C9B5



B13881



736256



F2F2F2



737373



# Same Dimension

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



B16A38



E67729



B1A538



595450



993F00



1A0B00



# Inverse Universe

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



387FB1



2998E6



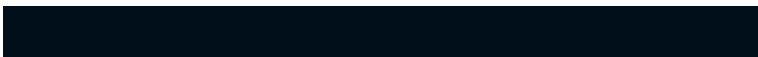
3844B1



505659



005A99

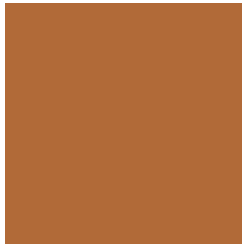


000F1A



# Previews

## White Background



This preview shows how the Hex color B16A38 looks on a white background.

## Color Contrast Check

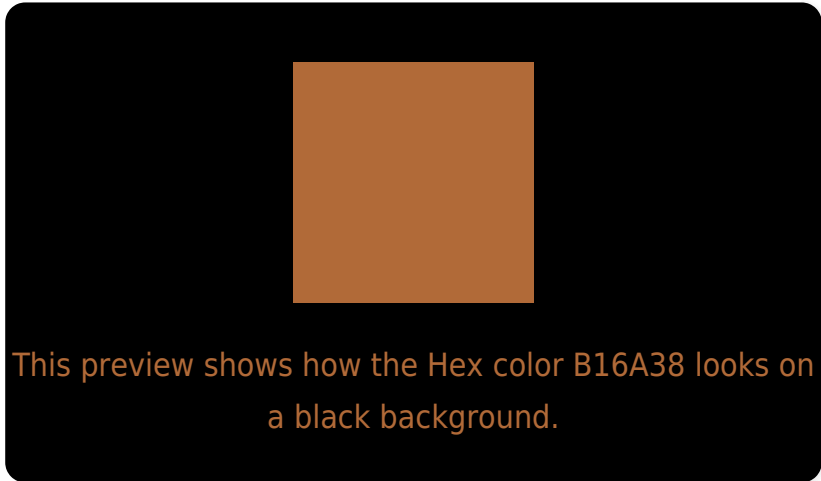
Large Text (above 18pt) WCAG AA ✓ Pass

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 B16A38 Background



This preview shows how black text looks on a background with the Hex color B16A38.



This preview shows how white text looks on a background with the Hex color B16A38.

# 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**  
B16A38

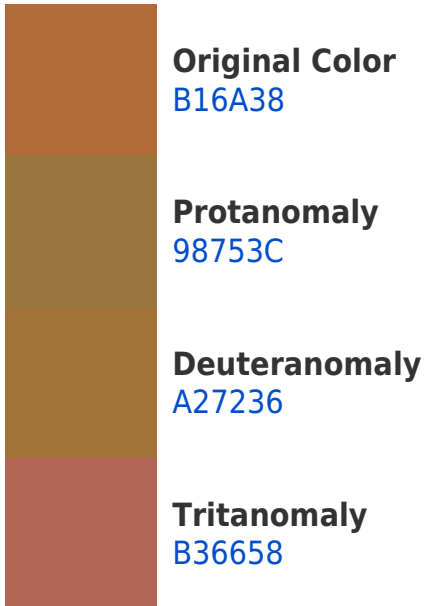
**Protanopia**  
897C3E

**Deuteranopia**  
9A7635



**Tritanopia**  
B4646B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B16A38 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 #B16A38 looks like.

```
.text, #text, p{  
    color:#B16A38  
}
```

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 #B16A38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B16A38
}
```

## Border

The CSS property to change the border of an element to Hex B16A38 is called "border". The border property can be set on classes, ids or directly on the HTML element.

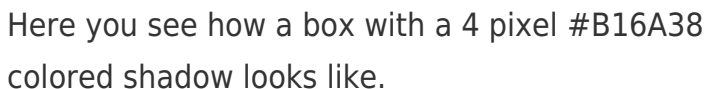
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B16A38 }
```

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

```
.border{ border-color:#B16A38 }
```

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



Here you see how a box with a 4 pixel #B16A38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B16A38; -webkit-box-shadow:4px 4px  
4px 4px #B16A38; box-shadow:4px 4px 4px  
4px #B16A38 }
```

# Background

The CSS property to change the background color of an element to Hex B16A38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B16A38 }
```

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

```
.background{ background-color:#B16A38 }
```

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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