

# Converting Colors

Hex(B16C3E)

Have a look what the booklet for  
Hex(B16C3E) contains.

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**Color**

**Hex(B16C3E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B16C3E
RGB	177, 108, 62
RGB Percent	69%, 42%, 24%
CMY	0.3059, 0.5765, 0.7569
CMYK	0.00, 0.39, 0.65, 0.31
HSL	24°, 48%, 47%
HSV	24°, 65%, 69%
XYZ	24.3635, 20.4200, 7.2148
YIQ	123.3870, 55.8900, 0.3220

# Conversions

## Conversions Part 2

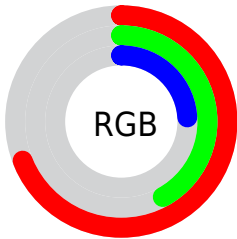
<b>Format</b>	<b>Color</b>
<b>RYB</b>	177, 139, 62
Decimal	11627582
CIELab	52.31, 23.18, 36.84
CIELCh	52, 43.529, 57.820
Yxy	20.4200, 0.4685, 0.3927
Android (android.graphics.Color)	4289817662 (0xFFB16C3E)
YUV	123.3870, -30.2638, 47.0186
Hunter-Lab	45.1885, 17.1588, 22.1657

# Details

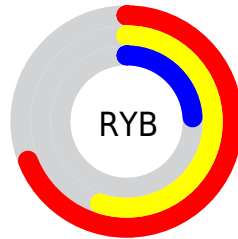
The Hex color **B16C3E** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3E83B1**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **ECA06F**, and **783C0F** is the 20% darker color. If you saturate the color by 10%, you get **B1612C**, and if you desaturate by 10%, it is **B17750**.

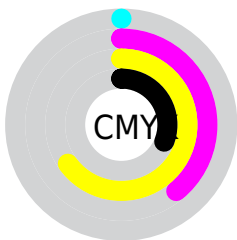
# Distribution



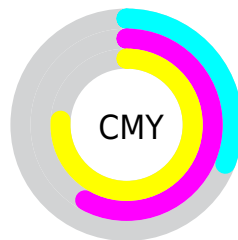
- Red (69%)
- Green (42%)
- Blue (24%)



- Red (69%)
- Yellow (55%)
- Blue (24%)



- Cyan (0%)
- Magenta (39%)
- Yellow (65%)
- Black (31%)



- Cyan (31%)
- Magenta (58%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B16C3E 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 B16C3E by changing the saturation by 10% instead.



 B16C3E

 B16C3E

FFFFFF

 945327

 ECA06F

 783C0F

 FFBB89

 5D2500

 FFD7A3

 410F00

 FFF3BF

 290000

 FFFFDB

 000000

 FFFFF7

 B16C3E

 B16C3E

 B1612C

 B17750

 B1571B

 B18161

 B14C09

 B18C73

 B14700

 B19685

 B1A196

 B1ACA8

 B1B6BA

 B1C1CC

 B1CCDD

# Harmonies

## Analogous

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



C1605C



B16C3E



947A2F

# Triad

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



B16C3E



008F79



7A74BF

# Complementary

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



B16C3E



3E83B1

# 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.



2782C7



B16C3E



008F9E

# Square

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



B16C3E



3F8C53



008BBB



A865A5

# Rectangle

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



B16C3E



7C8232



008BBB



6579C4



# Sweetspot

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



B16C3E



E6CBBA



B13E83



736358



F2F2F2



737373



# Same Dimension

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



B16C3E



E67A32



B1A53E



595450



993D00



1A0A00



# Inverse Universe

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



3E83B1



329EE6



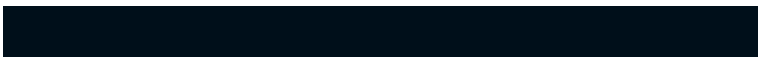
3E49B1



505659



005C99



000F1A



# Previews

## White Background



This preview shows how the Hex color B16C3E looks on a white background.

## Color Contrast Check

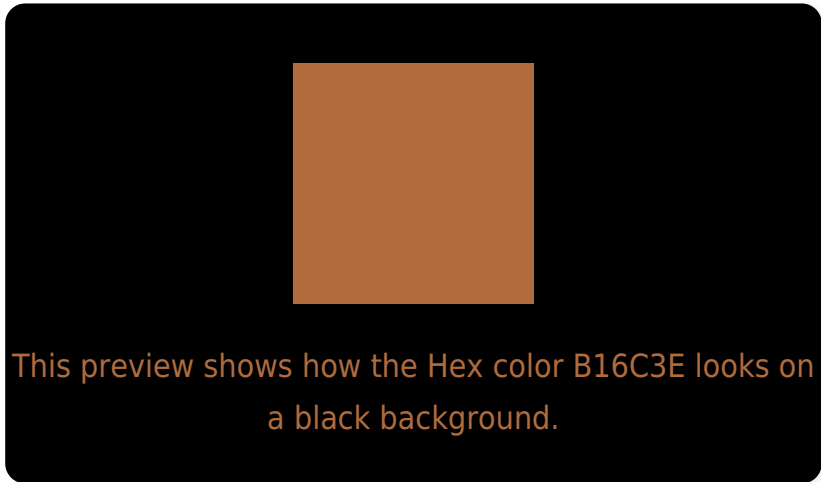
Large Text (above 18pt) WCAG AA ✓ Pass

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

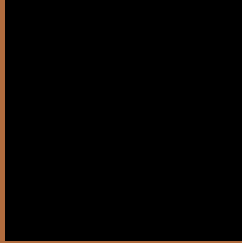
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B16C3E Background



This preview shows how black text looks on a background with the Hex color B16C3E.



This preview shows how white text looks on a background with the Hex color B16C3E.

# 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**  
B16C3E

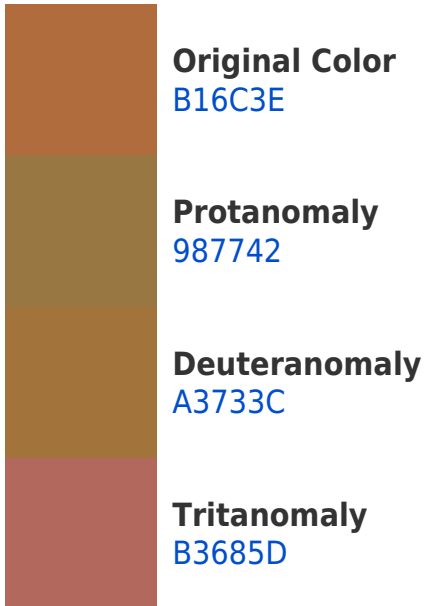
**Protanopia**  
8A7D44

**Deuteranopia**  
9B773B



**Tritanopia**  
B4666E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B16C3E 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 #B16C3E looks like.

```
.text, #text, p{  
  color:#B16C3E  
}
```

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 #B16C3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B16C3E
}
```

## Border

The CSS property to change the border of an element to Hex B16C3E 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
#B16C3E }
```

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

```
.border{ border-color:#B16C3E }
```

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

Here you see how a box with a 4 pixel #B16C3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B16C3E; -webkit-box-shadow:4px 4px  
4px 4px #B16C3E; box-shadow:4px 4px 4px  
4px #B16C3E }
```

# Background

The CSS property to change the background color of an element to Hex B16C3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B16C3E }
```

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

```
.background{ background-color:#B16C3E }
```

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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