

# Converting Colors

Hex(B16E2B)

Have a look what the booklet for  
Hex(B16E2B) contains.

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**Color**

**Hex(B16E2B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<b>B16E2B</b>
RGB	<b>177, 110, 43</b>
RGB Percent	<b>69%, 43%, 17%</b>
CMY	<b>0.3059, 0.5686, 0.8314</b>
CMYK	<b>0.00, 0.38, 0.76, 0.31</b>
HSL	<b>30°, 61%, 43%</b>
HSV	<b>30°, 76%, 69%</b>
XYZ	<b>24.1434, 20.6734, 5.0034</b>
YIQ	<b>122.3950, 61.4390, -6.6330</b>

# Conversions

## Conversions Part 2

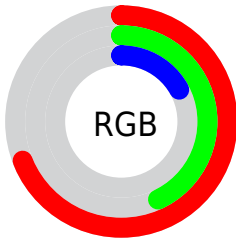
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	177, 177, 43
Decimal	11628075
CIE Lab	52.59, 21.01, 46.62
CIE LCh	53, 51.139, 65.741
Yxy	20.6734, 0.4846, 0.4150
Android (android.graphics.Color)	4289818155 (0xFFB16E2B)
YUV	122.3950, -39.1417, 47.8886
Hunter-Lab	45.4680, 15.2142, 25.3032

# Details

The Hex color **B16E2B** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **2B6EB1**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **EDA25D**, and **773E00** is the 20% darker color. If you saturate the color by 10%, you get **B16519**, and if you desaturate by 10%, it is **B1773D**.

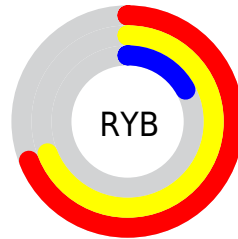
# Distribution



Red (69%)

Green (43%)

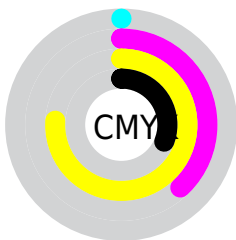
Blue (17%)



Red (69%)

Yellow (69%)

Blue (17%)

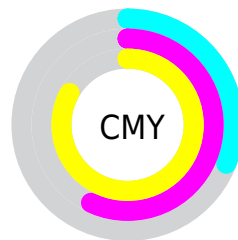


Cyan (0%)

Magenta (38%)

Yellow (76%)

Black (31%)



Cyan (31%)

Magenta (57%)

Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B16E2B 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 B16E2B by changing the saturation by 10% instead.



 B16E2B

 B16E2B

FFFFFF

 945511

 EDA25D

 773E00

 FFBD76

 5B2700

 FFD991

 401200

 FFF5AC

 280000

 FFFFC8

 000000

 FFFFE4

 B16E2B

 B16E2B


 B16519

 B1773D

 B15C08

 B1804E

 B15900

 B18960

 B19172

 B19A84

 B1A395

 B1ACA7

 B1B5B9

 B1BECA

# Harmonies

## Analogous

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



C85D4D



B16E2B



8D7E1D

# Triad

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



B16E2B



009385



8A6EC5

# Complementary

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



B16E2B



2B6EB1

# 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.



2B80D5



B16E2B



0091B0

# Square

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



B16E2B



019058



008CCD



B95CA2

# Rectangle

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



B16E2B



6F8627



008CCD



7374CD



# Sweetspot

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



B16E2B



E6CBB1



B12B6E



736353



F2F2F2



737373



# Same Dimension

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



B16E2B



E67D15



B1B12B



595550



994D00



1A0D00



# Inverse Universe

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



2B6EB1



157DE6



2B2BB1



505559



004D99



000D1A



# Previews

## White Background



This preview shows how the Hex color B16E2B looks on a white background.

## Color Contrast Check

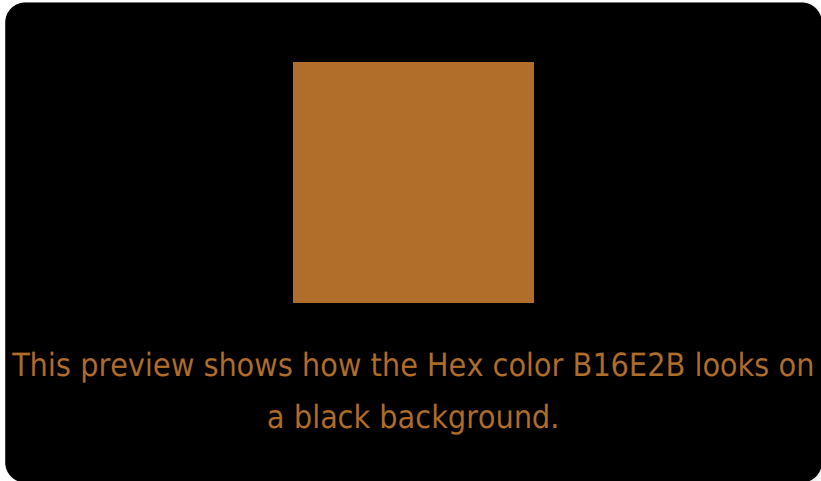
Large Text (above 18pt) WCAG AA ✓ Pass

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 B16E2B Background



This preview shows how black text looks on a background with the Hex color B16E2B.



This preview shows how white text looks on a background with the Hex color B16E2B.

# 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**  
B16E2B

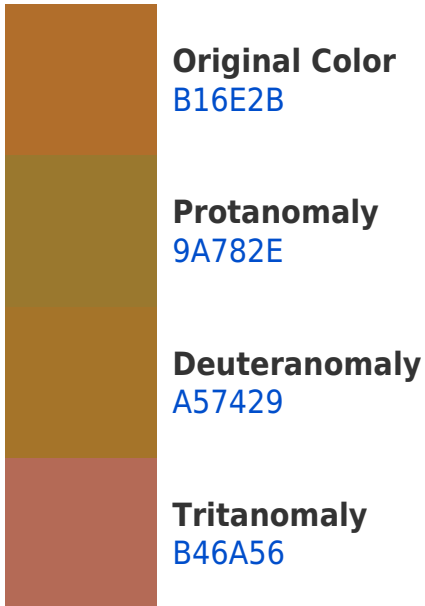
**Protanopia**  
8D7E2F

**Deuteranopia**  
9E7828



**Tritanopia**  
B5676F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B16E2B 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 #B16E2B looks like.

```
.text, #text, p{  
    color:#B16E2B  
}
```

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 #B16E2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B16E2B
}
```

## Border

The CSS property to change the border of an element to Hex B16E2B is called "border". The border property can be set on classes, ids or directly on the HTML element.

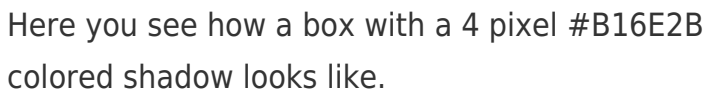
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B16E2B }
```

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

```
.border{ border-color:#B16E2B }
```

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



Here you see how a box with a 4 pixel #B16E2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B16E2B; -webkit-box-shadow:4px 4px  
4px 4px #B16E2B; box-shadow:4px 4px 4px  
4px #B16E2B }
```

# Background

The CSS property to change the background color of an element to Hex B16E2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B16E2B }
```

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

```
.background{ background-color:#B16E2B }
```

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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