

# Converting Colors

Hex(B17816)

Have a look what the booklet for  
Hex(B17816) contains.

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**Color**

**Hex(B17816)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | B17816                      |
| RGB         | 177, 120, 22                |
| RGB Percent | 69%, 47%, 9%                |
| CMY         | 0.3059, 0.5294, 0.9137      |
| CMYK        | 0.00, 0.32, 0.88, 0.31      |
| HSL         | 38°, 78%, 39%               |
| HSV         | 38°, 88%, 69%               |
| XYZ         | 24.9928, 22.8380, 3.8500    |
| YIQ         | 125.8710, 65.4300, -18.3940 |

# Conversions

## Conversions Part 2

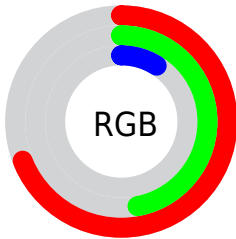
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 112, 177, 22                   |
| Decimal                             | 11630614                       |
| CIE <sub>Lab</sub>                  | 54.91, 14.70, 56.61            |
| CIE <sub>LCh</sub>                  | 55, 58.484, 75.440             |
| Yxy                                 | 22.8380, 0.4836,<br>0.4419     |
| Android<br>(android.graphics.Color) | 4289820694<br>(0xFFB17816)     |
| YUV                                 | 125.8710, -51.2084,<br>44.8401 |
| Hunter-Lab                          | 47.7891, 9.7210,<br>28.6759    |

# Details

The Hex color **B17816** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **164FB1**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **EDAC4D**, and **774800** is the 20% darker color. If you saturate the color by 10%, you get **B17104**, and if you desaturate by 10%, it is **B17F28**.

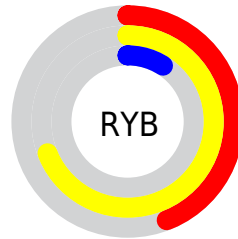
# Distribution



Red (69%)

Green (47%)

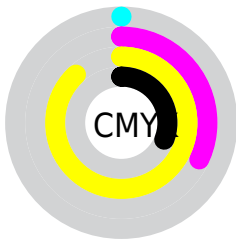
Blue (9%)



Red (44%)

Yellow (69%)

Blue (9%)

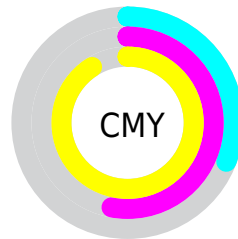


Cyan (0%)

Magenta (32%)

Yellow (88%)

Black (31%)



Cyan (31%)

Magenta (53%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B17816 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 B17816 by changing the saturation by 10% instead.





B17816



B17816

FFFFFF



945F00



EDAC4D



774800



FFC767



5B3100



FFE382



401C00



FFFF9D



270600



FFFFB9



000000



FFFFD5



FFFFF2



B17816



B17816

 B17104

 B17F28

 B17000

 B18539

 B18C4B

 B1925D

 B1996F

 B19F80

 B1A692

 B1ACA4

 B1B3B5

# Harmonies

## Analogous

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



D1633D



B17816



84890F

# Triad

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



B17816



009B9D



A76ACB

# Complementary

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



B17816



164FB1

# 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.



4F80E5



B17816



0099CB

# Square

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



B17816



009A68



0090E5



D2569E

# Rectangle

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



B17816



5F9128



0090E5



9072D6



# Sweetspot

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



B17816



E6D0AA



B11651



73664F



F2F2F2



737373



# Same Dimension

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



B17816



E69100



9FB116



595650



996100



1A1000



# Inverse Universe

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



164FB1



0054E6



2816B1



505459



003899



00091A



# Previews

## White Background



This preview shows how the Hex color B17816 looks on a white background.

## Color Contrast Check

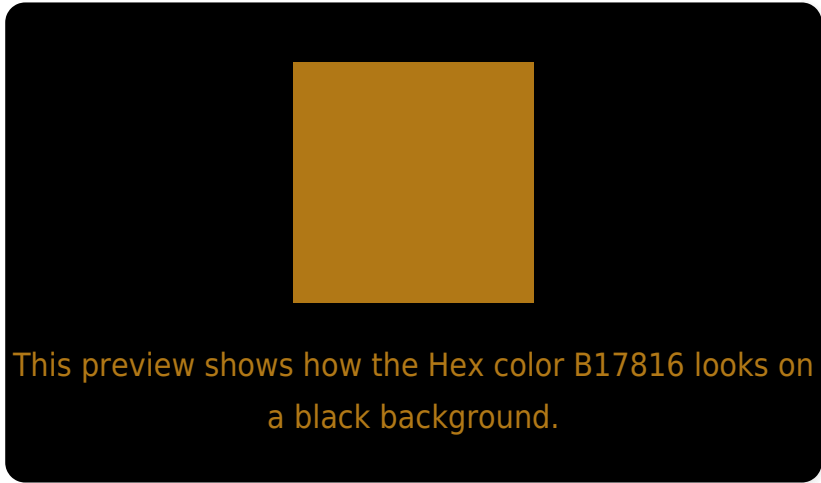
Large Text (above 18pt) WCAG AA ✓ Pass

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 B17816 Background



This preview shows how black text looks on a background with the Hex color B17816.



This preview shows how white text looks on a background with the Hex color B17816.

# 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**  
B17816

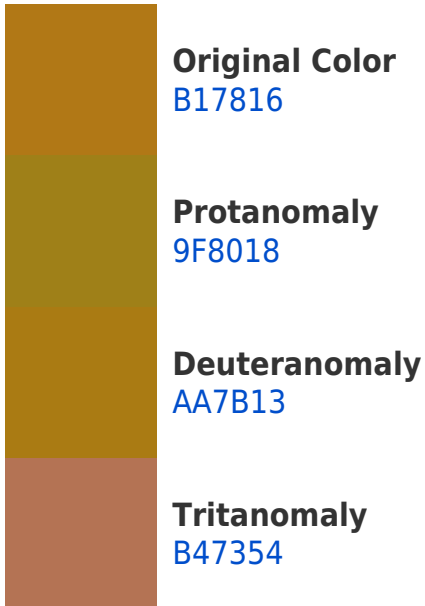
**Protanopia**  
948419

**Deuteranopia**  
A67D12

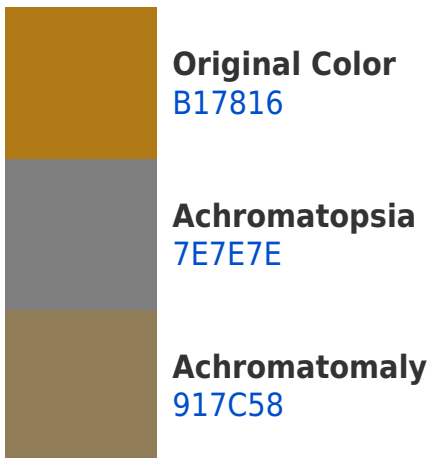


**Tritanopia**  
B67078

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B17816 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 #B17816 looks like.

```
.text, #text, p{  
    color:#B17816  
}
```

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 #B17816 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B17816
}
```

## Border

The CSS property to change the border of an element to Hex B17816 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
#B17816 }
```

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

```
.border{ border-color:#B17816 }
```

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

Here you see how a box with a 4 pixel #B17816 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B17816; -webkit-box-shadow:4px 4px  
4px 4px #B17816; box-shadow:4px 4px 4px  
4px #B17816 }
```

# Background

The CSS property to change the background color of an element to Hex B17816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B17816 }
```

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

```
.background{ background-color:#B17816 }
```

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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