

# Converting Colors

Hex(B9751E)

Have a look what the booklet for  
Hex(B9751E) contains.

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**Color**

**Hex(B9751E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B9751E
RGB	185, 117, 30
RGB Percent	73%, 46%, 12%
CMY	0.2745, 0.5412, 0.8824
CMYK	0.00, 0.37, 0.84, 0.27
HSL	34°, 72%, 42%
HSV	34°, 84%, 73%
XYZ	26.6032, 23.1306, 4.2908
YIQ	127.4140, 68.4550, -12.6410

# Conversions

## Conversions Part 2

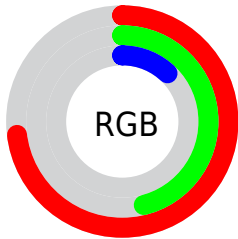
<b>Format</b>	<b>Color</b>
<b>RYB</b>	151, 185, 30
Decimal	12154142
CIELab	55.21, 20.14, 54.71
CIELCh	55, 58.300, 69.790
Yxy	23.1306, 0.4924, 0.4281
Android (android.graphics.Color)	4290344222 (0xFFB9751E)
YUV	127.4140, -48.0251, 50.5029
Hunter-Lab	48.0943, 14.5718, 28.3764

# Details

The Hex color **B9751E** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **1E62B9**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **F6A953**, and **7E4400** is the 20% darker color. If you saturate the color by 10%, you get **B96D0B**, and if you desaturate by 10%, it is **B97D31**.

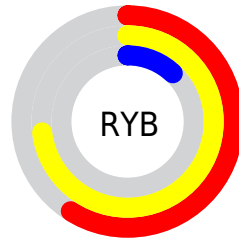
# Distribution



Red (73%)

Green (46%)

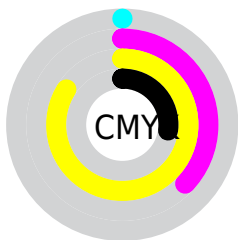
Blue (12%)



Red (59%)

Yellow (73%)

Blue (12%)

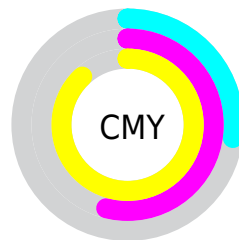


Cyan (0%)

Magenta (37%)

Yellow (84%)

Black (27%)



Cyan (27%)

Magenta (54%)

Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B9751E 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 B9751E by changing the saturation by 10% instead.



 B9751E

 B9751E

FFFFFF

 9B5C00

 F6A953

 7E4400

 FFC56D

 622E00


 FFE187

 461800

 FFFDA2

 2C0200

 FFFFBE

 000000

 FFFFDA

 FFFFF7

 B9751E

 B9751E

 B96D0B

 B97D31

 B96800

 B98543

 B98D56

 B99568

 B99E7A

 B9A68D

 B9AEA0

 B9B6B2

 B9BEC5

# Harmonies

## Analogous

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



D66046



B9751E



8E870D

# Triad

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



B9751E



009C94



9C6FD2

# Complementary

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



B9751E



1E62B9

# 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.



3184E8



B9751E



009AC4

# Square

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



B9751E



009A5F



0093E3



CD5AA8

# Rectangle

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



B9751E



6B9022



0093E3



8277DC



# Sweetspot

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



B9751E



F0D5B4



B91E64



786854



F7F7F7



787878



# Same Dimension

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



B9751E



F08700



B1B91E



5C5853



9C5700



1C1000



# Inverse Universe

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



1E62B9



0069F0



261EB9



53575C



00449C



000C1C



# Previews

## White Background



This preview shows how the Hex color B9751E looks on a white background.

## Color Contrast Check

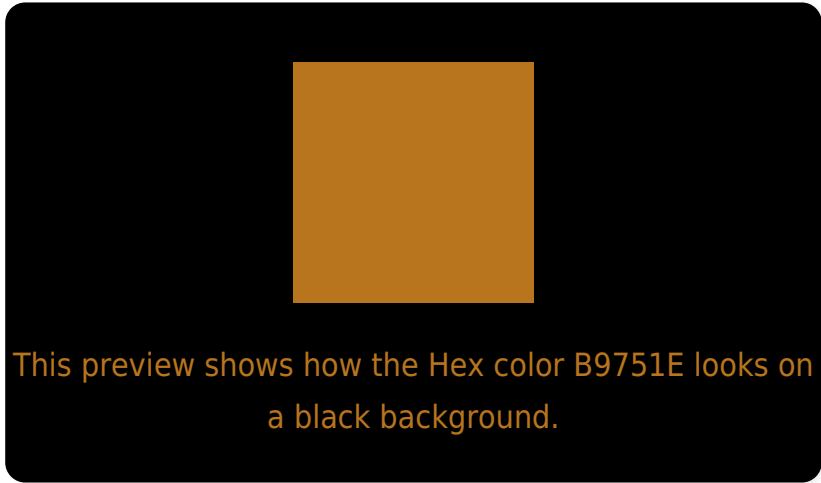
Large Text (above 18pt) WCAG AA ✓ Pass

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

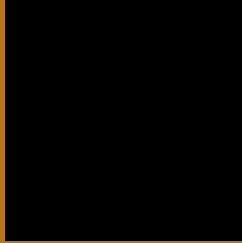
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B9751E Background



This preview shows how black text looks on a background with the Hex color B9751E.



This preview shows how white text looks on a background with the Hex color B9751E.

# 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**  
B9751E

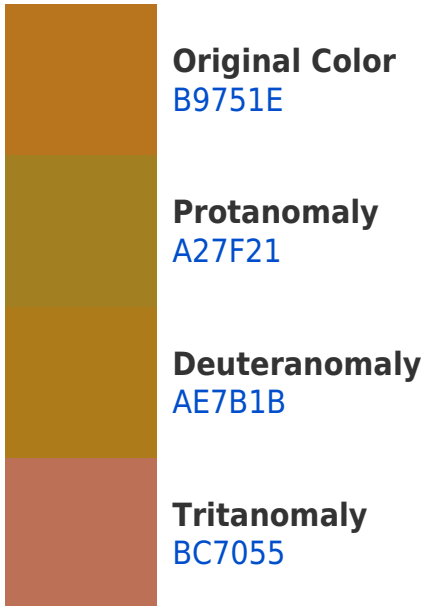
**Protanopia**  
958522

**Deuteranopia**  
A77E19



**Tritanopia**  
BD6D75

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B9751E 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 #B9751E looks like.

```
.text, #text, p{  
    color:#B9751E  
}
```

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 #B9751E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9751E
}
```

## Border

The CSS property to change the border of an element to Hex B9751E 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
#B9751E }
```

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

```
.border{ border-color:#B9751E }
```

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

Here you see how a box with a 4 pixel #B9751E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9751E; -webkit-box-shadow:4px 4px  
4px 4px #B9751E; box-shadow:4px 4px 4px  
4px #B9751E }
```

# Background

The CSS property to change the background color of an element to Hex B9751E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9751E }
```

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

```
.background{ background-color:#B9751E }
```

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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