

# Converting Colors

Hex(B56717)

Have a look what the booklet for  
Hex(B56717) contains.

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**Color**

**Hex(B56717)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B56717
RGB	181, 103, 23
RGB Percent	71%, 40%, 9%
CMY	0.2902, 0.5961, 0.9098
CMYK	0.00, 0.43, 0.87, 0.29
HSL	30°, 77%, 40%
HSV	30°, 87%, 71%
XYZ	24.0610, 19.5861, 3.3230
YIQ	117.2020, 72.1680, -8.3440

# Conversions

## Conversions Part 2

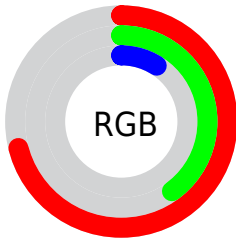
<b>Format</b>	<b>Color</b>
<b>RYB</b>	177, 181, 23
Decimal	11888407
CIELab	51.37, 25.93, 53.65
CIElCh	51, 59.584, 64.207
Yxy	19.5861, 0.5123, 0.4170
Android (android.graphics.Color)	4290078487 (0xFFB56717)
YUV	117.2020, -46.4416, 55.9508
Hunter-Lab	44.2562, 19.5975, 26.5276

# Details

The Hex color **B56717** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **1765B5**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **F29B4C**, and **7A3700** is the 20% darker color. If you saturate the color by 10%, you get **B55E05**, and if you desaturate by 10%, it is **B57029**.

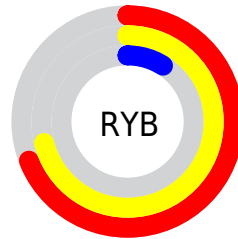
# Distribution



Red (71%)

Green (40%)

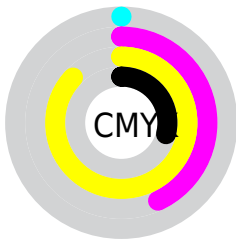
Blue (9%)



Red (69%)

Yellow (71%)

Blue (9%)

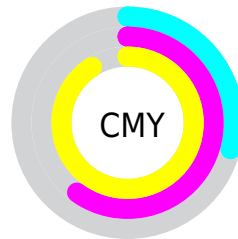


Cyan (0%)

Magenta (43%)

Yellow (87%)

Black (29%)



Cyan (29%)

Magenta (60%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B56717 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 B56717 by changing the saturation by 10% instead.





B56717



B56717

FFFFFF



974E00



F29B4C



7A3700



FFB665



5D2000



FFD180



410900



FFEE9B



2A0000



FFFFB6



000000



FFFFD2



FFFFEF



B56717



B56717

 B55E05

 B57029

 B55C00

 B5793B

 B5824D

 B58B5F

 B59472

 B59D84

 B5A696

 B5AEA8

 B5B7BA

# Harmonies

## Analogous

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



CF5144



B56717



8C7A00

# Triad

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



B56717



009280



836ACF

# Complementary

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



B56717



1765B5

# 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.



007EE1



B56717



0091B3

# Square

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



B56717



008F4C



008BD6



BD52A8

# Rectangle

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



B56717



6B8406



008BD6



6571D8



# Sweetspot

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



B56717



EBCCAE



B51766



756351



F5F5F5



757575



# Same Dimension

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



B56717



EB7700



B5B517



595550



994D00



1A0D00



# Inverse Universe

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



1765B5



0074EB



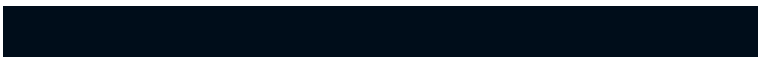
1717B5



505559



004C99



000D1A



# Previews

## White Background



This preview shows how the Hex color B56717 looks on a white background.

## Color Contrast Check

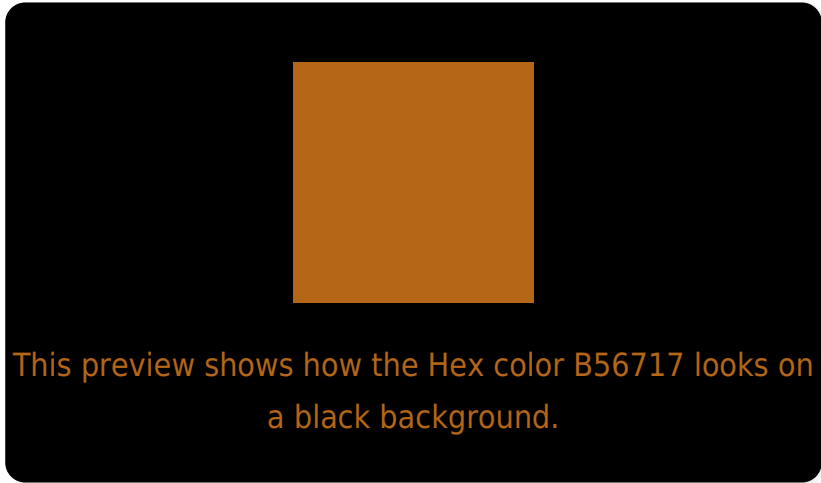
Large Text (above 18pt) WCAG AA ✓ Pass

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 B56717 Background



This preview shows how black text looks on a background with the Hex color B56717.



This preview shows how white text looks on a background with the Hex color B56717.

# 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**  
B56717

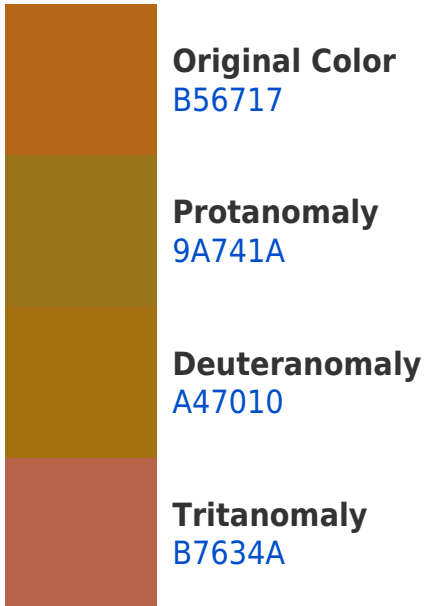
**Protanopia**  
8A7B1C

**Deuteranopia**  
9B750C



**Tritanopia**  
B86067

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B56717 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 #B56717 looks like.

```
.text, #text, p{  
    color:#B56717  
}
```

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 #B56717 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B56717
}
```

## Border

The CSS property to change the border of an element to Hex B56717 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
#B56717 }
```

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

```
.border{ border-color:#B56717 }
```

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

Here you see how a box with a 4 pixel #B56717 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B56717; -webkit-box-shadow:4px 4px  
4px 4px #B56717; box-shadow:4px 4px 4px  
4px #B56717 }
```

# Background

The CSS property to change the background color of an element to Hex B56717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B56717 }
```

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

```
.background{ background-color:#B56717 }
```

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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