

# Converting Colors

Hex(B57770)

Have a look what the booklet for  
Hex(B57770) contains.

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**Color**

**Hex(B57770)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B57770
RGB	181, 119, 112
RGB Percent	71%, 47%, 44%
CMY	0.2902, 0.5333, 0.5608
CMYK	0.00, 0.34, 0.38, 0.29
HSL	6°, 32%, 57%
HSV	6°, 38%, 71%
XYZ	28.5775, 24.1873, 18.4916
YIQ	136.7400, 39.1990, 10.9670

# Conversions

## Conversions Part 2

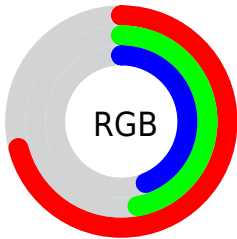
Format	Color
R <sub>Y</sub> B	181, 120, 112
Decimal	11892592
CIE Lab	56.27, 23.44, 13.86
CIE LCh	56, 27.225, 30.593
Yxy	24.1873, 0.4011, 0.3394
Android (android.graphics.Color)	4290082672 (0xFFB57770)
YUV	136.7400, -12.1968, 38.8160
Hunter-Lab	49.1805, 17.6557, 12.1336

# Details

The Hex color **B57770** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **70AEB5**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **EFACA4**, and **7E4640** is the 20% darker color. If you saturate the color by 10%, you get **B5675E**, and if you desaturate by 10%, it is **B58782**.

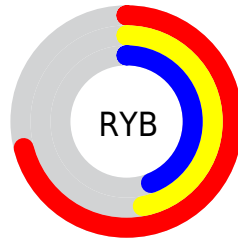
# Distribution



Red (71%)

Green (47%)

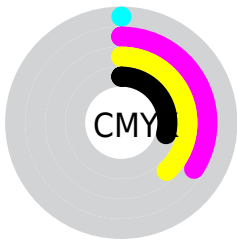
Blue (44%)



Red (71%)

Yellow (47%)

Blue (44%)

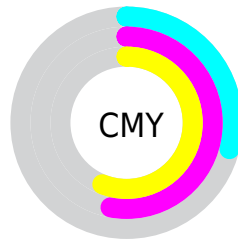


Cyan (0%)

Magenta (34%)

Yellow (38%)

Black (29%)



Cyan (29%)

Magenta (53%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B57770 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 B57770 by changing the saturation by 10% instead.



 B57770

 B57770

FFFFFF

 995E58

 EFACA4

 7E4640

 FFC7BF

 632F2A

 FFE3DB

 4A1816

 FFFFF7

 320200

 120000

 000000

 B57770

 B57770

 B5675E

 B58782

 B5564C

 B59894

 B5463A

 B5A8A6

 B53628

 B5B8B8

 B52615

 B5C8CB

 B51503

 B5D9DD

 B51200

 B5E9EF

 B5F9FF

 B5FFFF

# Harmonies

## Analogous

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



B47587



B57770



AA7D5E

# Triad

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



B57770



62926F



6889B6

# Complementary

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



B57770



70AEB5

# 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.



4590AF



B57770



479487

# Square

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



B57770



7E8D5E



36939E



8B81B0

# Rectangle

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



B57770



9E8358



36939E



5C8BB5



# Sweetspot

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



B57770



EBD3D1



B570AE



756866



F5F5F5



757575



# Same Dimension

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



B57770



EB8A7F



B59970



595150



991000



1A0300



# Inverse Universe

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



70AEB5



7FE0EB



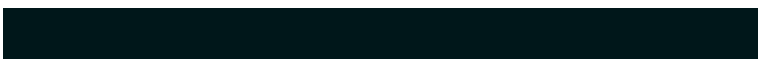
708CB5



505859



008999



00171A



# Previews

## White Background



This preview shows how the Hex color B57770 looks on a white background.

## Color Contrast Check

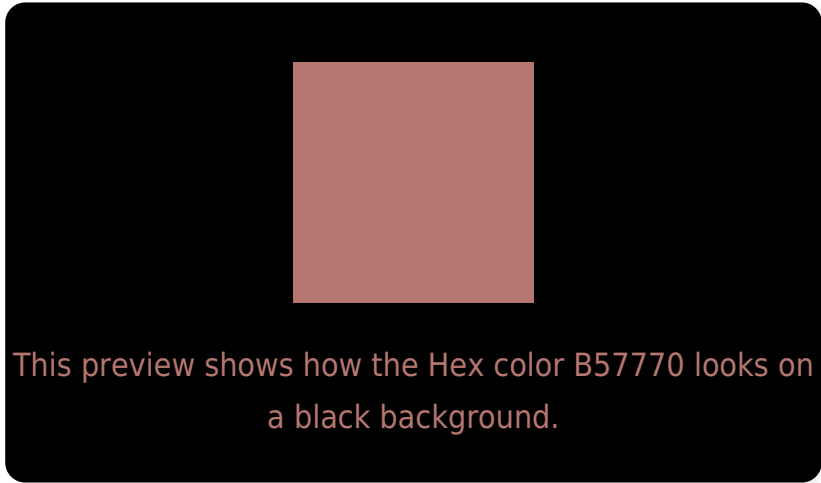
Large Text (above 18pt) WCAG AA ✓ Pass

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 B57770 Background



This preview shows how black text looks on a background with the Hex color B57770.



This preview shows how white text looks on a background with the Hex color B57770.

# 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





**Tritanopia**  
B6757E

# Trichromacy



**Original Color**  
B57770

**Protanomaly**  
9C8175

**Deuteranomaly**  
A67E6F

**Tritanomaly**  
B67679

# Monochromacy



**Original Color**  
B57770

**Achromatopsia**  
898989

**Achromatomaly**  
998280

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B57770 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 #B57770 looks like.

```
.text, #text, p{  
    color:#B57770  
}
```

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 #B57770 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B57770
}
```

## Border

The CSS property to change the border of an element to Hex B57770 is called "border". The border property can be set on classes, ids or directly on the HTML element.

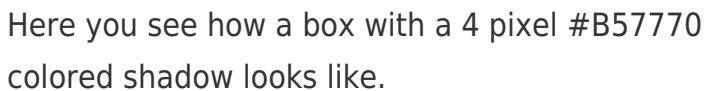
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B57770 }
```

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

```
.border{ border-color:#B57770 }
```

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



Here you see how a box with a 4 pixel #B57770 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B57770; -webkit-box-shadow:4px 4px  
4px 4px #B57770; box-shadow:4px 4px 4px  
4px #B57770 }
```

# Background

The CSS property to change the background color of an element to Hex B57770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B57770 }
```

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

```
.background{ background-color:#B57770 }
```

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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