

# Converting Colors

Hex(B47E6E)

Have a look what the booklet for  
Hex(B47E6E) contains.

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# Color

Hex(B47E6E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B47E6E
RGB	180, 126, 110
RGB Percent	71%, 49%, 43%
CMY	0.2941, 0.5059, 0.5686
CMYK	0.00, 0.30, 0.39, 0.29
HSL	14°, 32%, 57%
HSV	14°, 39%, 71%
XYZ	29.0977, 25.7508, 18.1886
YIQ	140.3220, 37.3200, 6.4720

# Conversions

## Conversions Part 2

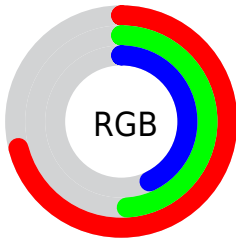
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	180, 131, 110
Decimal	11828846
CIE Lab	57.80, 18.88, 17.09
CIE LCh	58, 25.470, 42.152
Yxy	25.7508, 0.3984, 0.3526
Android (android.graphics.Color)	4290018926 (0xFFB47E6E)
YUV	140.3220, -14.9487, 34.7976
Hunter-Lab	50.7452, 13.5491, 14.2703

# Details

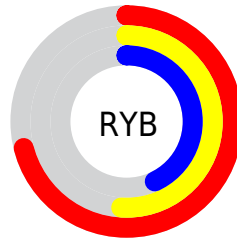
The Hex color **B47E6E** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **6EA4B4**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **EDB3A2**, and **7D4D3E** is the 20% darker color. If you saturate the color by 10%, you get **B4705C**, and if you desaturate by 10%, it is **B48C80**.

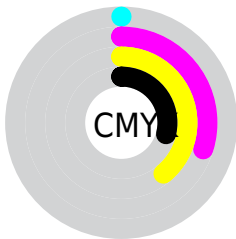
# Distribution



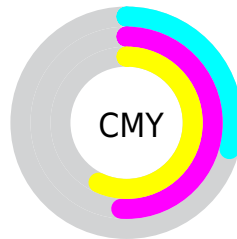
- Red (71%)
- Green (49%)
- Blue (43%)



- Red (71%)
- Yellow (51%)
- Blue (43%)



- Cyan (0%)
- Magenta (30%)
- Yellow (39%)
- Black (29%)



- Cyan (29%)
- Magenta (51%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B47E6E 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 B47E6E by changing the saturation by 10% instead.



 B47E6E

 B47E6E

FFFFFF

 986556

 EDB3A2

 7D4D3E

 FFCFBD

 633528

 FFEBD8

 491F14

 FFFFF5

 310A00

 150000

 000000

 B47E6E

 B47E6E

 B4705C

 B48C80

 B4624A

 B49A92

 B45438

 B4A8A4

 B44626

 B4B6B6

 B43914

 B4C3C8

 B42B02

 B4D1DA

 B42900

 B4DFEC

 B4EDFE

 B4FBFF

# Harmonies

## Analogous

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



B77A82



B47E6E



A68561

# Triad

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



B47E6E



5F967C



7B8AB6

# Complementary

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



B47E6E



6EA4B4

# 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.



5B91B5



B47E6E



499793

# Square

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



B47E6E



799269



4595A8



9982AC

# Rectangle

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



B47E6E



998A5E



4595A8



708CB7



# Sweetspot

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



B47E6E



EBD5CE



B46EA5



756965



F5F5F5



757575



# Same Dimension

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



B47E6E



EB967C



B4A06E



595250



992300



1A0600



# Inverse Universe

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



6EA4B4



7CD1EB



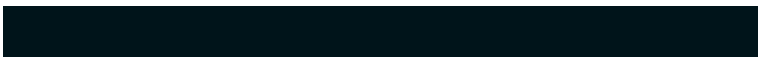
6E82B4



505759



007699



00141A



# Previews

## White Background



This preview shows how the Hex color B47E6E looks on a white background.

## Color Contrast Check

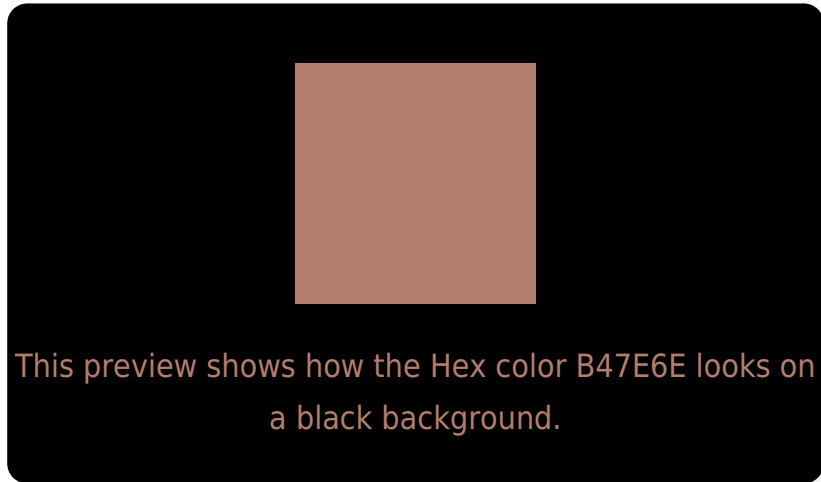
Large Text (above 18pt) WCAG AA ✓ Pass

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

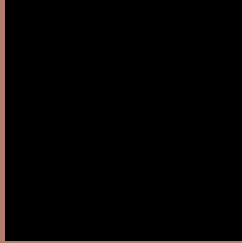
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B47E6E Background



This preview shows how black text looks on a background with the Hex color B47E6E.



This preview shows how white text looks on a background with the Hex color B47E6E.

# 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**  
B47E6E

**Protanopia**  
938B74

**Deuteranopia**  
A3866D



**Tritanopia**  
B67B84

# Trichromacy



**Original Color**  
B47E6E

**Protanomaly**  
9F8672

**Deuteranomaly**  
A9836D

**Tritanomaly**  
B57C7C

# Monochromacy



**Original Color**  
B47E6E

**Achromatopsia**  
8C8C8C

**Achromatomaly**  
9B8781

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B47E6E 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 #B47E6E looks like.

```
.text, #text, p{  
    color:#B47E6E  
}
```

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 #B47E6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B47E6E
}
```

## Border

The CSS property to change the border of an element to Hex B47E6E is called "border". The border property can be set on classes, ids or directly on the HTML element.

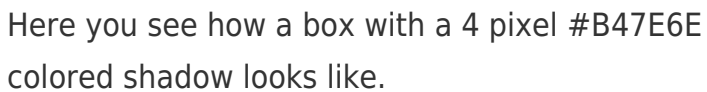
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B47E6E }
```

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

```
.border{ border-color:#B47E6E }
```

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



Here you see how a box with a 4 pixel #B47E6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B47E6E; -webkit-box-shadow:4px 4px  
4px 4px #B47E6E; box-shadow:4px 4px 4px  
4px #B47E6E }
```

# Background

The CSS property to change the background color of an element to Hex B47E6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B47E6E }
```

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

```
.background{ background-color:#B47E6E }
```

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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