

# Converting Colors

Hex(B47477)

Have a look what the booklet for  
Hex(B47477) contains.

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**Color**

**Hex(B47477)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B47477
RGB	180, 116, 119
RGB Percent	71%, 45%, 47%
CMY	0.2941, 0.5451, 0.5333
CMYK	0.00, 0.36, 0.34, 0.29
HSL	357°, 30%, 58%
HSV	357°, 36%, 71%
XYZ	28.3976, 23.5260, 20.4970
YIQ	135.4780, 37.1810, 14.5010

# Conversions

## Conversions Part 2

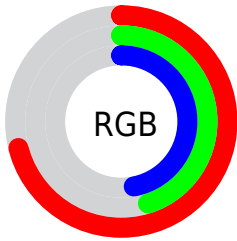
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	180, 116, 119
Decimal	11826295
CIE <sub>Lab</sub>	55.61, 25.60, 8.84
CIE <sub>LCh</sub>	56, 27.080, 19.058
Yxy	23.5260, 0.3921, 0.3249
Android (android.graphics.Color)	4290016375 (0xFFB47477)
YUV	135.4780, -8.1237, 39.0458
Hunter-Lab	48.5036, 19.6257, 8.8973

# Details

The Hex color **B47477** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **74B4B1**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **EDA9AB**, and **7D4347** is the 20% darker color. If you saturate the color by 10%, you get **B46266**, and if you desaturate by 10%, it is **B48688**.

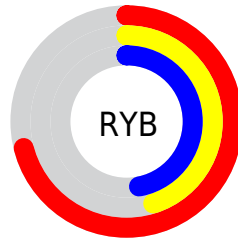
# Distribution



Red (71%)

Green (45%)

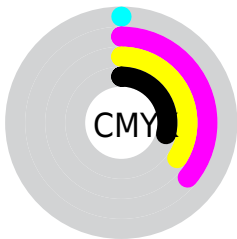
Blue (47%)



Red (71%)

Yellow (45%)

Blue (47%)

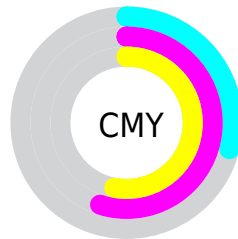


Cyan (0%)

Magenta (36%)

Yellow (34%)

Black (29%)



Cyan (29%)

Magenta (55%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B47477 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 B47477 by changing the saturation by 10% instead.



 B47477

 B47477

FFFFFF

 985B5E

 EDA9AB

 7D4347

 FFC4C6

 632B30

 FFE0E2

 49151C

 FFFDFF

 320000

 100000

 000000

 B47477

 B47477

 B46266

 B48688

 B45055

 B49899

 B43E44

 B4AAAA

 B42C32

 B4BCBC

 B41A21

 B4CECD

 B40810

 B4E0DE

 B40008

 B4F2EF

 B4FFFF

# Harmonies

## Analogous

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



AE748F



B47477



AE7963

# Triad

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



B47477



6B8E66



588AB3

# Complementary

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



B47477



74B4B1

# 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.



3A8FA8



B47477



4F927C

# Square

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



B47477



868858



389294



7C82B1

# Rectangle

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



B47477



A47E5A



389294



4D8CB0



# Sweetspot

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



B47477



EBD1D2



B174B4



756667



F5F5F5



757575



# Same Dimension

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



B47477



EB868A



B49174



595051



990007



1A0001



# Inverse Universe

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



B47477



EB868A



7497B4



595051



990007

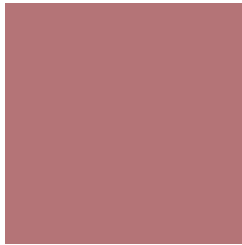


1A0001



# Previews

## White Background



This preview shows how the Hex color B47477 looks on a white background.

## Color Contrast Check

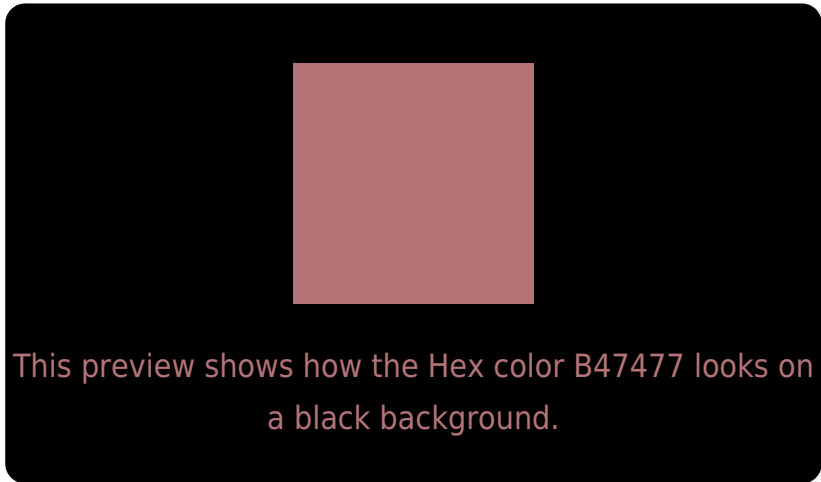
Large Text (above 18pt) WCAG AA ✓ Pass

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

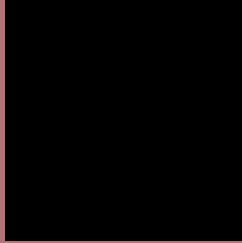
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex B47477 Background



This preview shows how black text looks on a background with the Hex color B47477.

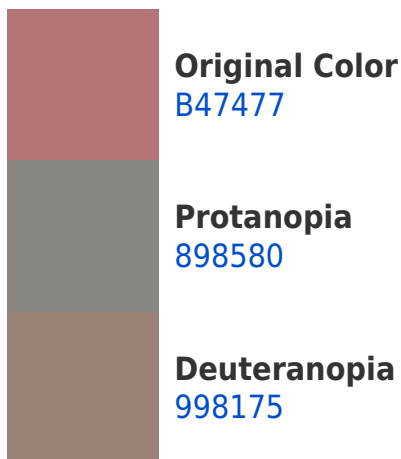


This preview shows how white text looks on a background with the Hex color B47477.

# 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](#).

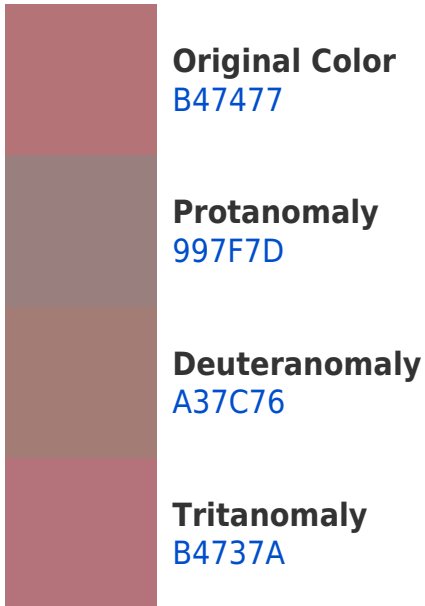
## Dichromacy



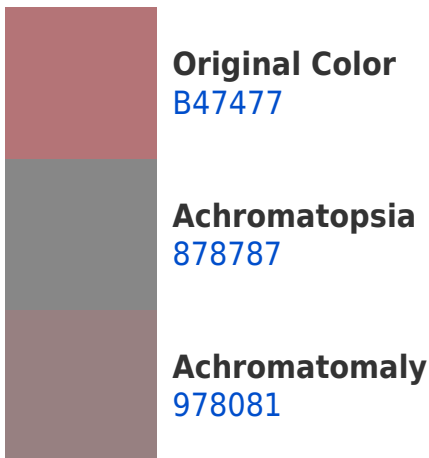


**Tritanopia**  
B4737C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B47477 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 #B47477 looks like.

```
.text, #text, p{  
    color:#B47477  
}
```

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 #B47477 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B47477
}
```

## Border

The CSS property to change the border of an element to Hex B47477 is called "border". The border property can be set on classes, ids or directly on the HTML element.

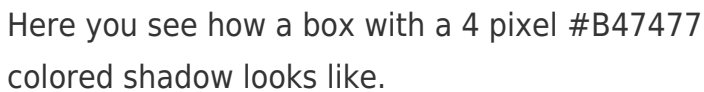
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B47477 }
```

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

```
.border{ border-color:#B47477 }
```

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



Here you see how a box with a 4 pixel #B47477 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B47477; -webkit-box-shadow:4px 4px  
4px 4px #B47477; box-shadow:4px 4px 4px  
4px #B47477 }
```

# Background

The CSS property to change the background color of an element to Hex B47477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B47477 }
```

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

```
.background{ background-color:#B47477 }
```

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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