

# Converting Colors

Hex(B47973)

Have a look what the booklet for  
Hex(B47973) contains.

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**Color**

**Hex(B47973)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">B47973</a>
RGB	<a href="#">180, 121, 115</a>
RGB Percent	<a href="#">71%, 47%, 45%</a>
CMY	<a href="#">0.2941, 0.5255, 0.5490</a>
CMYK	<a href="#">0.00, 0.33, 0.36, 0.29</a>
HSL	<a href="#">6°, 30%, 58%</a>
HSV	<a href="#">6°, 36%, 71%</a>
XYZ	<a href="#">28.7543, 24.6158, 19.4555</a>
YIQ	<a href="#">137.9570, 37.0900, 10.6420</a>

# Conversions

## Conversions Part 2

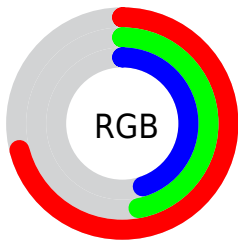
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	180, 122, 115
Decimal	11827571
CIE Lab	56.70, 22.30, 12.70
CIE LCh	57, 25.656, 29.658
Yxy	24.6158, 0.3948, 0.3380
Android (android.graphics.Color)	4290017651 (0xFFB47973)
YUV	137.9570, -11.3178, 36.8717
Hunter-Lab	49.6144, 16.6255, 11.4804

# Details

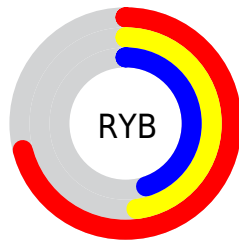
The Hex color **B47973** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **73AEB4**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **EDAEA7**, and **7D4843** is the 20% darker color. If you saturate the color by 10%, you get **B46961**, and if you desaturate by 10%, it is **B48985**.

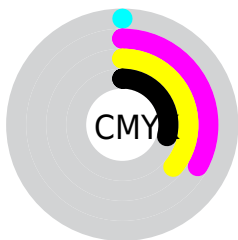
# Distribution



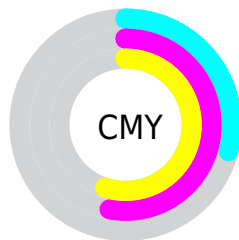
- Red (71%)
- Green (47%)
- Blue (45%)



- Red (71%)
- Yellow (48%)
- Blue (45%)



- Cyan (0%)
- Magenta (33%)
- Yellow (36%)
- Black (29%)



- Cyan (29%)
- Magenta (53%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B47973 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 B47973 by changing the saturation by 10% instead.



 B47973

 B47973

FFFFFF

 98605A

 EDAAE7

 7D4843

 FFC9C2

 63302D

 FFE6DE

 491A18

 FFFFFB

 320400

 130000

 000000

 B47973

 B47973

 B46961

 B48985

 B4584F

 B49A97

 B4483D

 B4AAA9

 B4382B

 B4BABB

 B42719

 B4CBCD

 B41707

 B4DBDF

 B41100

 B4EBF1

 B4FCFF

 B4FFFF

# Harmonies

## Analogous

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



B27789



B47973



AA7F62

# Triad

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



B47973



669271



6A8AB4

# Complementary

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



B47973



73AEB4

# 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.



4C90AE



B47973



4E9487

# Square

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



B47973



808D61



40949D



8B82AF

# Rectangle

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



B47973



9F845C



40949D



5F8CB3



# Sweetspot

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



B47973



EBD3D1



B473AF



756766



F5F5F5



757575



# Same Dimension

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



B47973



EB8F86



B49973



595150



990E00



1A0200



# Inverse Universe

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



73AEB4



86E1EB



738EB4



505859



008B99



00171A



# Previews

## White Background



This preview shows how the Hex color B47973 looks on a white background.

## Color Contrast Check

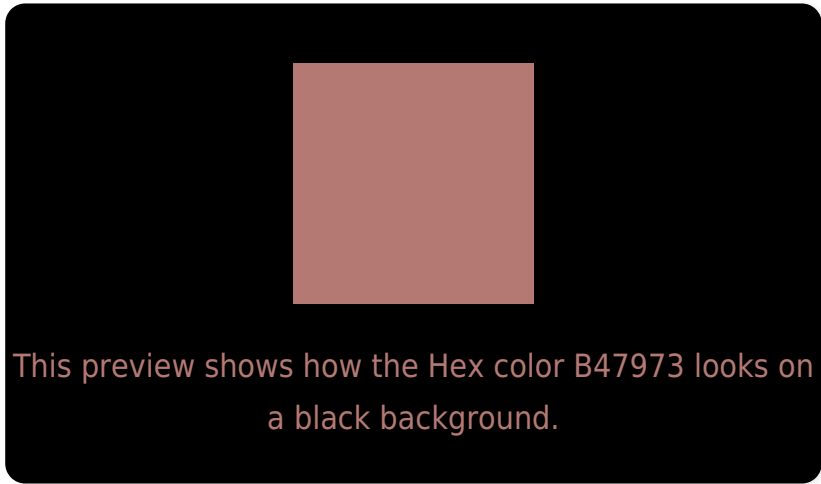
Large Text (above 18pt) WCAG AA ✓ Pass

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 B47973 Background



This preview shows how black text looks on a background with the Hex color B47973.



This preview shows how white text looks on a background with the Hex color B47973.

# 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**  
B57780

# Trichromacy



**Original Color**  
B47973

**Protanomaly**  
9C8378

**Deuteranomaly**  
A67F72

**Tritanomaly**  
B5787B

# Monochromacy



**Original Color**  
B47973

**Achromatopsia**  
8A8A8A

**Achromatomaly**  
998482

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B47973 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 #B47973 looks like.

```
.text, #text, p{  
    color:#B47973  
}
```

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 #B47973 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B47973
}
```

## Border

The CSS property to change the border of an element to Hex B47973 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
#B47973 }
```

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

```
.border{ border-color:#B47973 }
```

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

Here you see how a box with a 4 pixel #B47973 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B47973; -webkit-box-shadow:4px 4px  
4px 4px #B47973; box-shadow:4px 4px 4px  
4px #B47973 }
```

# Background

The CSS property to change the background color of an element to Hex B47973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B47973 }
```

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

```
.background{ background-color:#B47973 }
```

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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