

Converting Colors

Hex(B47A6A)

Have a look what the booklet for
Hex(B47A6A) contains.

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Color

Hex(B47A6A)

Conversions

Conversions Part 1

Format	Color
Hex	B47A6A
RGB	180, 122, 106
RGB Percent	71%, 48%, 42%
CMY	0.2941, 0.5216, 0.5843
CMYK	0.00, 0.32, 0.41, 0.29
HSL	13°, 33%, 56%
HSV	13°, 41%, 71%
XYZ	28.3834, 24.6630, 16.9001
YIQ	137.5180, 39.7040, 7.3200

Conversions

Conversions Part 2

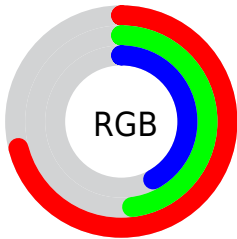
Format	Color
R_{YB}	180, 126, 106
Decimal	11827818
CIE _{Lab}	56.75, 20.65, 17.94
CIE _{LCh}	57, 27.352, 40.989
Yxy	24.6630, 0.4058, 0.3526
Android (android.graphics.Color)	4290017898 (0xFFB47A6A)
YUV	137.5180, -15.5384, 37.2567
Hunter-Lab	49.6618, 15.1107, 14.5866

Details

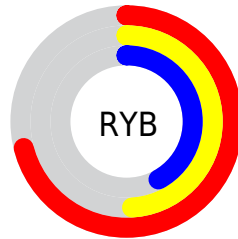
The Hex color **B47A6A** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **6AA4B4**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **EEAF9D**, and **7D493B** is the 20% darker color. If you saturate the color by 10%, you get **B46C58**, and if you desaturate by 10%, it is **B4887C**.

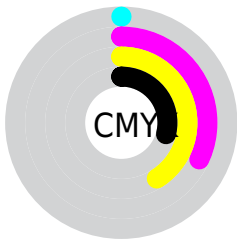
Distribution



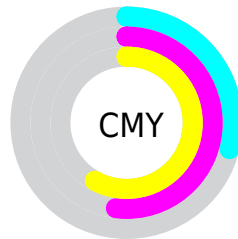
- Red (71%)
- Green (48%)
- Blue (42%)



- Red (71%)
- Yellow (49%)
- Blue (42%)



- Cyan (0%)
- Magenta (32%)
- Yellow (41%)
- Black (29%)



- Cyan (29%)
- Magenta (52%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color B47A6A 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 B47A6A by changing the saturation by 10% instead.

 B47A6A

 B47A6A

FFFFFF

 986152

 EEAF9D

 7D493B

 FFCAB8

 623225

 FFE7D4

 491C10

 FFFFF0

 300600

 100000

 000000

 B47A6A

 B47A6A

 B46C58

 B4887C

 B45E46

 B4968E

 B45034

 B4A4A0

 B44222

 B4B2B2

 B43310

 B4C1C4

 B42700

 B4CFD6

 B4DDE8

 B4EBFA

 B4F9FF

Harmonies

Analogous

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



B77680



B47A6A



A6815C

Triad

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



B47A6A



599478



7587B7

Complementary

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



B47A6A



6AA4B4

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.



518FB5



B47A6A



3F9590

Square

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



B47A6A



759064



3894A7



967FAC

Rectangle

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



B47A6A



988758



3894A7



698AB7

Sweetspot

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



B47A6A



EBD5CE



B46AA5



756865



F5F5F5



757575

Same Dimension

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



B47A6A



EB9178



B49E6A



595250



992100



1A0600

Inverse Universe

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



6AA4B4



78D2EB



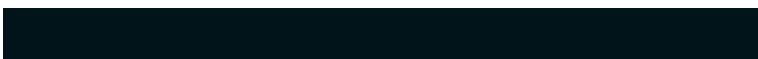
6A80B4



505759



007899



00141A

Previews

White Background



This preview shows how the Hex color B47A6A looks on a white background.

Color Contrast Check

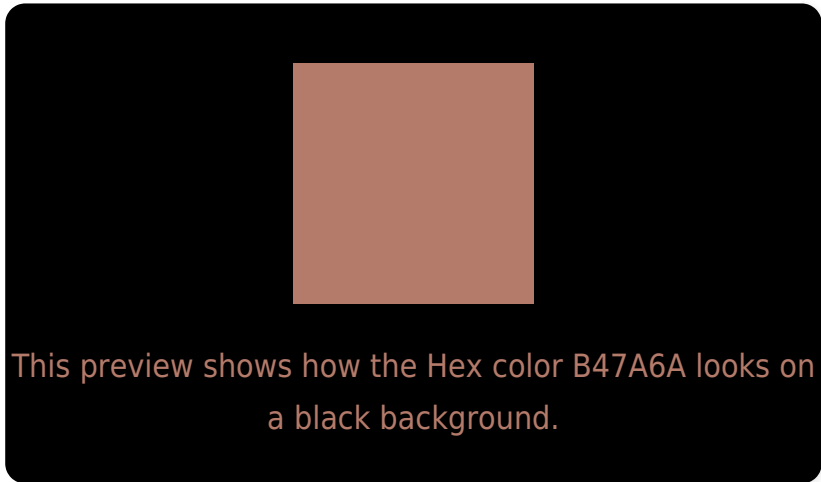
Large Text (above 18pt) WCAG AA ✓ Pass

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 B47A6A Background



This preview shows how black text looks on a background with the Hex color B47A6A.



This preview shows how white text looks on a background with the Hex color B47A6A.

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
B47A6A

Protanopia
908871

Deuteranopia
A08368



Tritanopia
B67780

Trichromacy



Original Color
B47A6A

Protanomaly
9D836E

Deuteranomaly
A78069

Tritanomaly
B57878

Monochromacy



Original Color
B47A6A

Achromatopsia
8A8A8A

Achromatomaly
99847E

CSS Examples

Text

The CSS property to change the color of the text to Hex B47A6A 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 #B47A6A looks like.

```
.text, #text, p{  
  color:#B47A6A  
}
```

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 #B47A6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B47A6A
}
```

Border

The CSS property to change the border of an element to Hex B47A6A 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
#B47A6A }
```

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

```
.border{ border-color:#B47A6A }
```

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

Here you see how a box with a 4 pixel #B47A6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B47A6A; -webkit-box-shadow:4px 4px  
4px 4px #B47A6A; box-shadow:4px 4px 4px  
4px #B47A6A }
```

Background

The CSS property to change the background color of an element to Hex B47A6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B47A6A }
```

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

```
.background{ background-color:#B47A6A }
```

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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