

Converting Colors

Hex(B7AC48)

Have a look what the booklet for
Hex(B7AC48) contains.

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Color

Hex(B7AC48)

Conversions

Conversions Part 1

Format	Color
Hex	B7AC48
RGB	183, 172, 72
RGB Percent	72%, 67%, 28%
CMY	0.2824, 0.3255, 0.7176
CMYK	0.00, 0.06, 0.61, 0.28
HSL	54°, 44%, 50%
HSV	54°, 61%, 72%
XYZ	35.4507, 40.0402, 11.9910
YIQ	163.8890, 38.6560, -28.7680

Conversions

Conversions Part 2

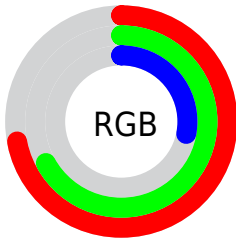
Format	Color
RYB	84, 183, 72
Decimal	12037192
CIELab	69.50, -8.61, 51.55
CIELCh	69, 52.260, 99.486
Yxy	40.0402, 0.4052, 0.4577
Android (android.graphics.Color)	4290227272 (0xFFB7AC48)
YUV	163.8890, -45.3013, 16.7603
Hunter-Lab	63.2773, -10.7320, 33.0588

Details

The Hex color **B7AC48** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4853B7**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **F1E37C**, and **7F7810** is the 20% darker color. If you saturate the color by 10%, you get **B7AA36**, and if you desaturate by 10%, it is **B7AE5A**.

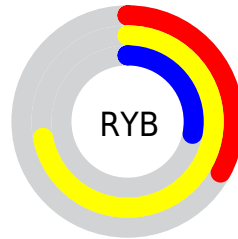
Distribution



Red (72%)

Green (67%)

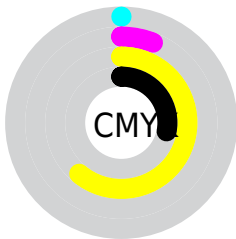
Blue (28%)



Red (33%)

Yellow (72%)

Blue (28%)

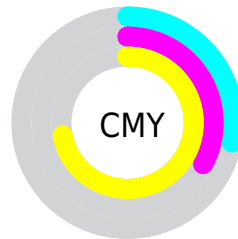


Cyan (0%)

Magenta (6%)

Yellow (61%)

Black (28%)



Cyan (28%)

Magenta (33%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7AC48 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 B7AC48 by changing the saturation by 10% instead.

 B7AC48

 B7AC48

FFFFFF

 9B922E

 F1E37C

 7F7810

 FFFF97

 645F00

 FFFFB3

 4B4800

 FFFFFCF

 313200

 FFFFEC

 181D00

 000000

 B7AC48

 B7AC48

 B7AA36

 B7AE5A

 B7A823

 B7B06D

 B7A711

 B7B17F

 B7A500

 B7B391

 B7B5A4

 B7B7B6

 B7B9C8

 B7BBDA

 B7BCED

Harmonies

Analogous

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



E09B50



B7AC48



84B85E

Triad

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



B7AC48



00BF55



F087CC

Complementary

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



B7AC48



4853B7

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.



C197F3



B7AC48



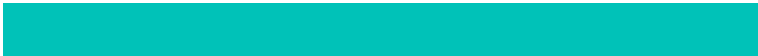
00B8FF

Square

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



B7AC48



00C2B8



73AAFF



FF819C

Rectangle

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



B7AC48



59BD78



73AAFF



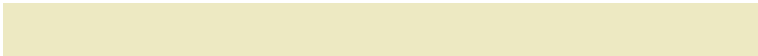
E38BDB

Sweetspot

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



B7AC48



EDE9C2



B74853



78755D



F7F7F7



787878

Same Dimension

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



B7AC48



EDDC40



8BB748



5C5B53



9C8C00



1C1900

Inverse Universe

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



4853B7



4051ED



7448B7



53545C



000F9C



00031C

Previews

White Background



This preview shows how the Hex color B7AC48 looks on a white background.

Color Contrast Check

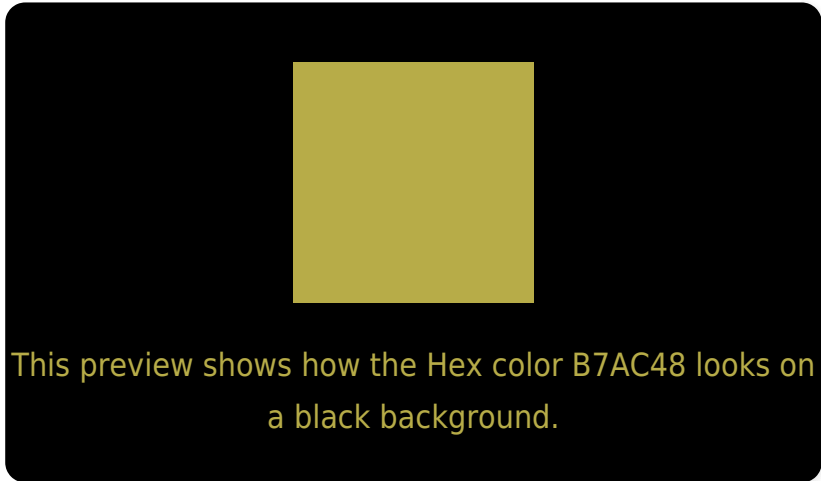
Large Text (above 18pt) WCAG AA × Fail

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

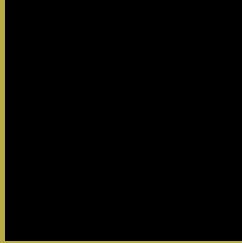
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex B7AC48 Background



This preview shows how black text looks on a background with the Hex color B7AC48.



This preview shows how white text looks on a background with the Hex color B7AC48.

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

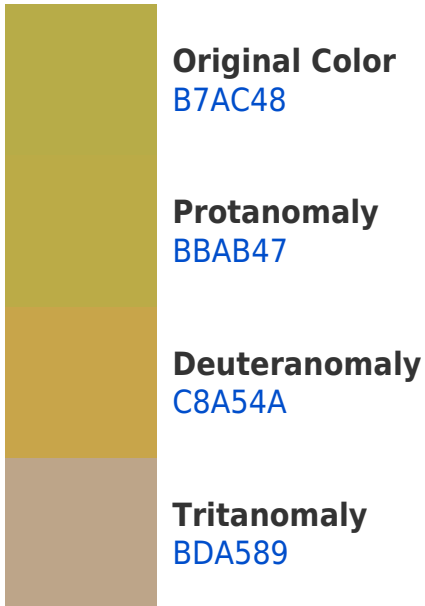


Original Color
B7AC48

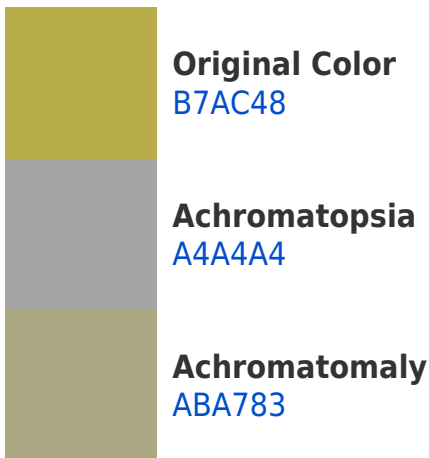
Protanopia
BDAA47

Deuteranopia
D2A14B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B7AC48 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 #B7AC48 looks like.

```
.text, #text, p{  
    color:#B7AC48  
}
```

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 #B7AC48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7AC48
}
```

Border

The CSS property to change the border of an element to Hex B7AC48 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
#B7AC48 }
```

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

```
.border{ border-color:#B7AC48 }
```

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

Here you see how a box with a 4 pixel #B7AC48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7AC48; -webkit-box-shadow:4px 4px  
4px 4px #B7AC48; box-shadow:4px 4px 4px  
4px #B7AC48 }
```

Background

The CSS property to change the background color of an element to Hex B7AC48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7AC48 }
```

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

```
.background{ background-color:#B7AC48 }
```

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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