

Converting Colors

Hex(B1AC6F)

Have a look what the booklet for
Hex(B1AC6F) contains.

Hex(B1AC6F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B1AC6F)

Conversions

Conversions Part 1

Format	Color
Hex	B1AC6F
RGB	177, 172, 111
RGB Percent	69%, 67%, 44%
CMY	0.3059, 0.3255, 0.5647
CMYK	0.00, 0.03, 0.37, 0.31
HSL	55°, 30%, 56%
HSV	55°, 37%, 69%
XYZ	35.7532, 39.9999, 20.8753
YIQ	166.5410, 22.5610, -17.9110

Conversions

Conversions Part 2

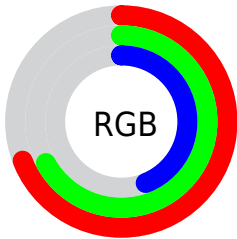
Format	Color
RYB	116, 177, 111
Decimal	11644015
CIELab	69.47, -7.47, 32.04
CIELCh	69, 32.896, 103.121
Yxy	39.9999, 0.3700, 0.4140
Android (android.graphics.Color)	4289834095 (0xFFB1AC6F)
YUV	166.5410, -27.3817, 9.1725
Hunter-Lab	63.2454, -9.7718, 24.7021

Details

The Hex color **B1AC6F** is a light color, and the websafe version is hex **999966**. A complement of this color would be **6F74B1**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **EAE3A3**, and **7B783E** is the 20% darker color. If you saturate the color by 10%, you get **B1AB5D**, and if you desaturate by 10%, it is **B1AD81**.

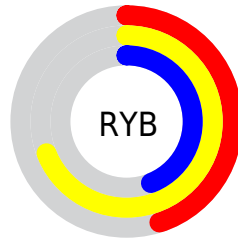
Distribution



Red (69%)

Green (67%)

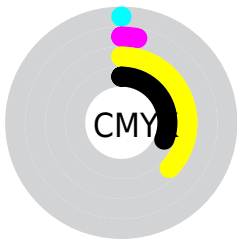
Blue (44%)



Red (45%)

Yellow (69%)

Blue (44%)

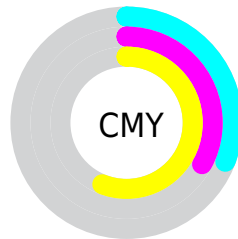


Cyan (0%)

Magenta (3%)

Yellow (37%)

Black (31%)



Cyan (31%)

Magenta (33%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1AC6F 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 B1AC6F by changing the saturation by 10% instead.

 B1AC6F

 B1AC6F

FFFFFF

 969256

 EAE3A3

 7B783E

 FFFFBF

 615F27

 FFFFDB

 49480F

 FFFFF7

 313100

 1A1D00

 000000

 B1AC6F

 B1AC6F

 B1AB5D

 B1AD81

 B1A94C

 B1AF92

 B1A83A

 B1B0A4

 B1A728

 B1B1B6

 B1A517

 B1B3C8

 B1A405

 B1B4D9

 B1A400

 B1B5EB

 B1B7FD

 B1B8FF

Harmonies

Analogous

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



CDA271



B1AC6F



90B47D

Triad

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



B1AC6F



45B8D1



DA95BC

Complementary

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



B1AC6F



6F74B1

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.



BE9DD5



B1AC6F



67B1E2

Square

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



B1AC6F



4BBAB6



95A8E3



E5939D

Rectangle

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



B1AC6F



78B78E



95A8E3



D297C5

Sweetspot

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



B1AC6F



E6E4CC



B16F74



737264



F2F2F2



737373

Same Dimension

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



B1AC6F



E6DE7E



96B16F



595950



998D00



1A1800

Inverse Universe

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



6F74B1



7E86E6



8B6FB1



505159



000C99



00021A

Previews

White Background



This preview shows how the Hex color B1AC6F looks on a white background.

Color Contrast Check

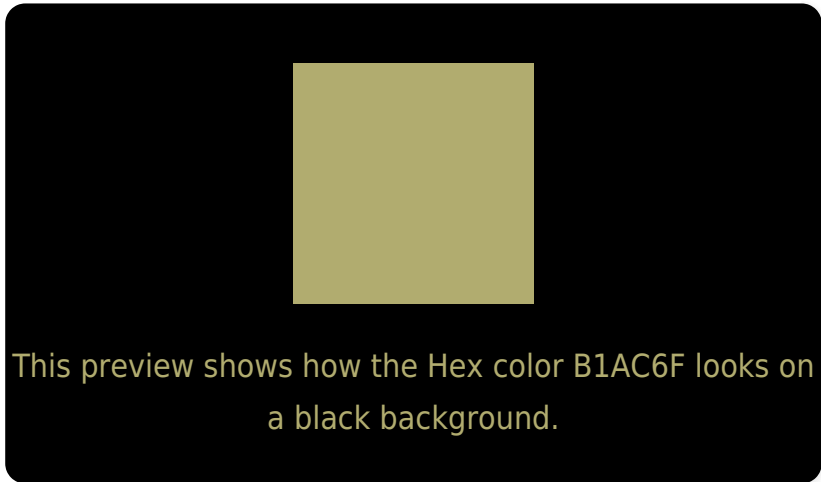
Large Text (above 18pt) WCAG AA × Fail

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

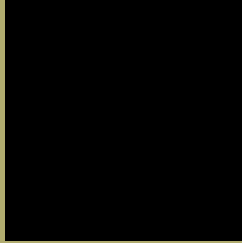
Any Text WCAG AA ✓ Pass

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 B1AC6F Background



This preview shows how black text looks on a background with the Hex color B1AC6F.

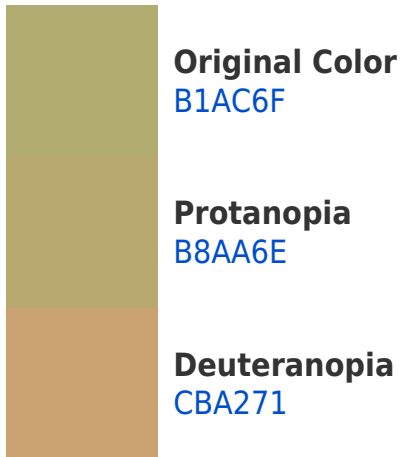


This preview shows how white text looks on a background with the Hex color B1AC6F.

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



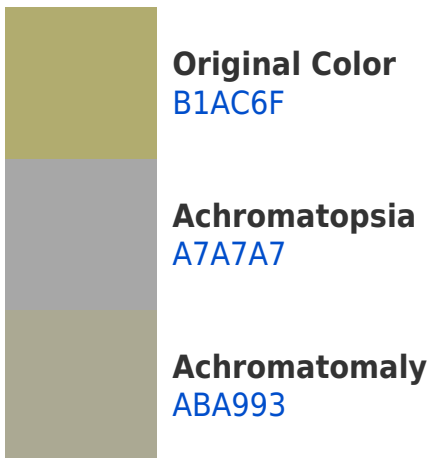


Tritanopia
B9A4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B1AC6F 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 #B1AC6F looks like.

```
.text, #text, p{  
    color:#B1AC6F  
}
```

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 #B1AC6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1AC6F
}
```

Border

The CSS property to change the border of an element to Hex B1AC6F 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
#B1AC6F }
```

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

```
.border{ border-color:#B1AC6F }
```

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

Here you see how a box with a 4 pixel #B1AC6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1AC6F; -webkit-box-shadow:4px 4px  
4px 4px #B1AC6F; box-shadow:4px 4px 4px  
4px #B1AC6F }
```

Background

The CSS property to change the background color of an element to Hex B1AC6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1AC6F }
```

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

```
.background{ background-color:#B1AC6F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor