

Converting Colors

Hex(B0AF47)

Have a look what the booklet for
Hex(B0AF47) contains.

Hex(B0AF47)	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(B0AF47)

Conversions

Conversions Part 1

Format	Color
Hex	B0AF47
RGB	176, 175, 71
RGB Percent	69%, 69%, 28%
CMY	0.3098, 0.3137, 0.7216
CMYK	0.00, 0.01, 0.60, 0.31
HSL	59°, 43%, 48%
HSV	59°, 60%, 69%
XYZ	34.3718, 40.3450, 11.9370
YIQ	163.4430, 33.9800, -32.1320

Conversions

Conversions Part 2

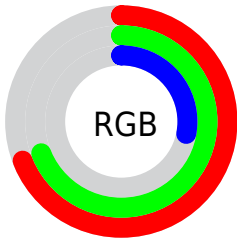
Format	Color
RYB	72, 176, 71
Decimal	11579207
CIELab	69.71, -13.23, 52.06
CIELCh	70, 53.718, 104.262
Yxy	40.3450, 0.3967, 0.4656
Android (android.graphics.Color)	4289769287 (0xFFB0AF47)
YUV	163.4430, -45.5744, 11.0125
Hunter-Lab	63.5177, -14.5630, 33.3199

Details

The Hex color **B0AF47** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4748B0**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **EAE67C**, and **797B0E** is the 20% darker color. If you saturate the color by 10%, you get **B0AF35**, and if you desaturate by 10%, it is **B0AF59**.

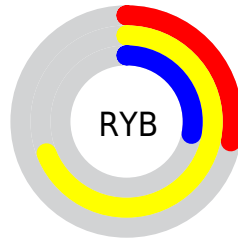
Distribution



Red (69%)

Green (69%)

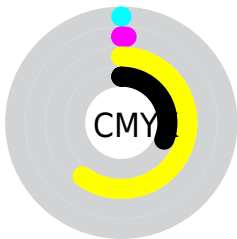
Blue (28%)



Red (28%)

Yellow (69%)

Blue (28%)

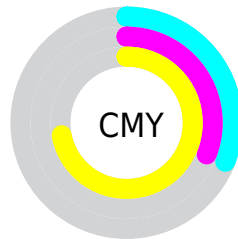


Cyan (0%)

Magenta (1%)

Yellow (60%)

Black (31%)



Cyan (31%)

Magenta (31%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0AF47 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 B0AF47 by changing the saturation by 10% instead.



B0AF47



B0AF47

FFFFFF



94942D



EAE67C



797B0E



FFFF96



5E6200



FFFFB2



454A00



FFFFCE



2B3400



FFFFEB



121F00



000000



B0AF47



B0AF47



B0AF35



B0AF59

 B0AF24

 B0AF6A

 B0AE12

 B0B07C

 B0AE01

 B0B08D

 B0AE00

 B0B09F

 B0B0B1

 B0B0C2

 B0B0D4

 B0B1E5

Harmonies

Analogous

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



DC9F4A



B0AF47



79BB62

Triad

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



B0AF47



00C0ED



F784C6

Complementary

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



B0AF47



4748B0

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.



CC94F1



B0AF47



00B7FF

Square

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



B0AF47



00C3C1



81A7FF



FF8195

Rectangle

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



B0AF47



48BF7E



81A7FF



EC88D6

Sweetspot

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



B0AF47



E6E5BC



B04749



73735A



F2F2F2



737373

Same Dimension

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



B0AF47



E6E440



7DB047



595950



999800



1A1900

Inverse Universe

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



4748B0



4042E6



7A47B0



505059



000199



00001A

Previews

White Background



This preview shows how the Hex color B0AF47 looks on a white background.

Color Contrast Check

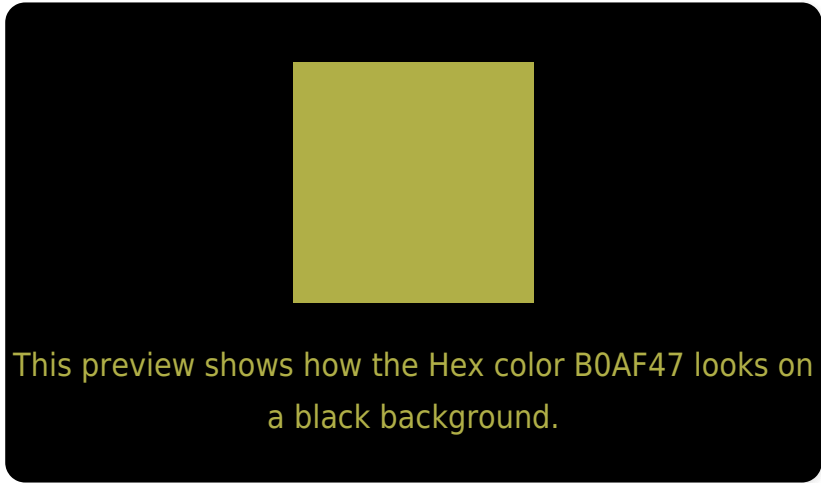
Large Text (above 18pt) WCAG AA × Fail

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

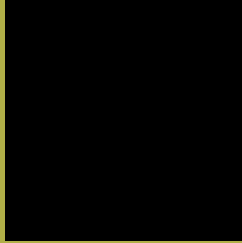
Any Text WCAG AA ✓ Pass

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 B0AF47 Background



This preview shows how black text looks on a background with the Hex color B0AF47.

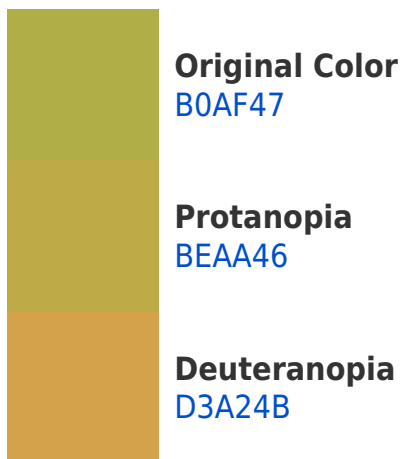


This preview shows how white text looks on a background with the Hex color B0AF47.

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](#).

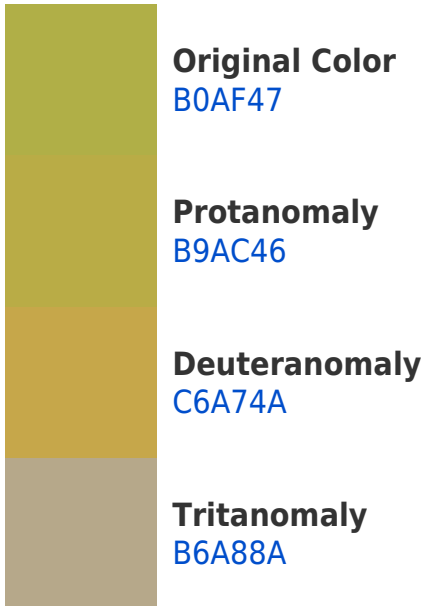
Dichromacy



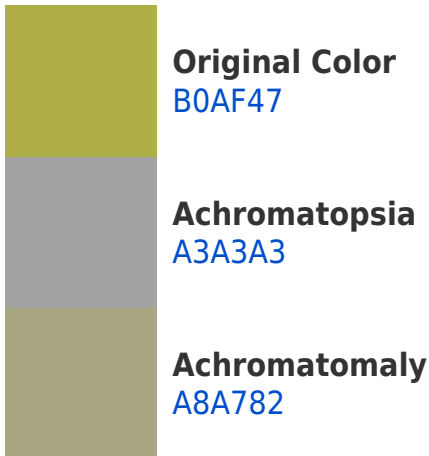


Tritanopia
BAA4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0AF47 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 #B0AF47 looks like.

```
.text, #text, p{  
    color:#B0AF47  
}
```

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 #B0AF47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0AF47
}
```

Border

The CSS property to change the border of an element to Hex B0AF47 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
#B0AF47 }
```

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

```
.border{ border-color:#B0AF47 }
```

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

Here you see how a box with a 4 pixel #B0AF47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0AF47; -webkit-box-shadow:4px 4px  
4px 4px #B0AF47; box-shadow:4px 4px 4px  
4px #B0AF47 }
```

Background

The CSS property to change the background color of an element to Hex B0AF47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0AF47 }
```

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

```
.background{ background-color:#B0AF47 }
```

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