

Converting Colors

Hex(B3AF48)

Have a look what the booklet for
Hex(B3AF48) contains.

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Color

Hex(B3AF48)

Conversions

Conversions Part 1

Format	Color
Hex	B3AF48
RGB	179, 175, 72
RGB Percent	70%, 69%, 28%
CMY	0.2980, 0.3137, 0.7176
CMYK	0.00, 0.02, 0.60, 0.30
HSL	58°, 43%, 49%
HSV	58°, 60%, 70%
XYZ	35.0901, 40.7115, 12.1396
YIQ	164.4540, 35.4470, -31.1850

Conversions

Conversions Part 2

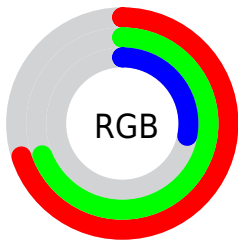
Format	Color
RYB	76, 179, 72
Decimal	11775816
CIELab	69.97, -11.89, 51.97
CIElCh	70, 53.312, 102.882
Yxy	40.7115, 0.3990, 0.4629
Android (android.graphics.Color)	4289965896 (0xFFB3AF48)
YUV	164.4540, -45.5798, 12.7568
Hunter-Lab	63.8056, -13.4932, 33.3835

Details

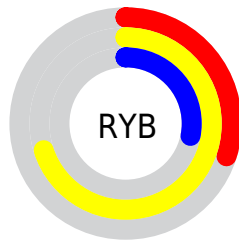
The Hex color **B3AF48** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **484CB3**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **EDE67C**, and **7B7B0F** is the 20% darker color. If you saturate the color by 10%, you get **B3AE36**, and if you desaturate by 10%, it is **B3B05A**.

Distribution



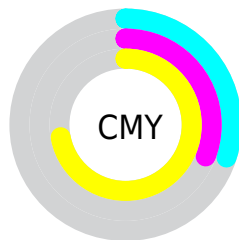
- Red (70%)
- Green (69%)
- Blue (28%)



- Red (30%)
- Yellow (70%)
- Blue (28%)



- Cyan (0%)
- Magenta (2%)
- Yellow (60%)
- Black (30%)



- Cyan (30%)
- Magenta (31%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color B3AF48 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 B3AF48 by changing the saturation by 10% instead.



B3AF48



B3AF48

FFFFFF



97942E



EDE67C



7B7B0F



FFFF97



616200



FFFFB3



474A00



FFFCE



2D3400



FFFEC



151F00



000000



B3AF48



B3AF48



B3AE36



B3B05A

 B3AE24

 B3B06C

 B3AD12

 B3B17E

 B3AC00

 B3B290

 B3B2A2

 B3B3B3

 B3B4C5

 B3B4D7

 B3B5E9

Harmonies

Analogous

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



DE9E4D



B3AF48



7DBB61

Triad

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



B3AF48



00C1EC



F686C9

Complementary

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



B3AF48



484CB3

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.



CA96F2



B3AF48



00B8FF

Square

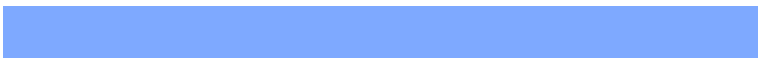
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



B3AF48



00C3BF



7EA9FF



FF8298

Rectangle

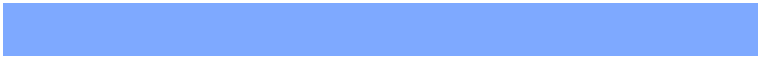
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B3AF48



4EC07D



7EA9FF



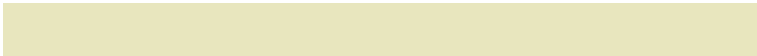
EA8AD8

Sweetspot

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



B3AF48



E8E6BE



B3484D



75745B



F5F5F5



757575

Same Dimension

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



B3AF48



E8E241



83B348



595950



999300



1A1900

Inverse Universe

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



484CB3



4147E8



7848B3



505159



000699



00011A

Previews

White Background



This preview shows how the Hex color B3AF48 looks on a white background.

Color Contrast Check

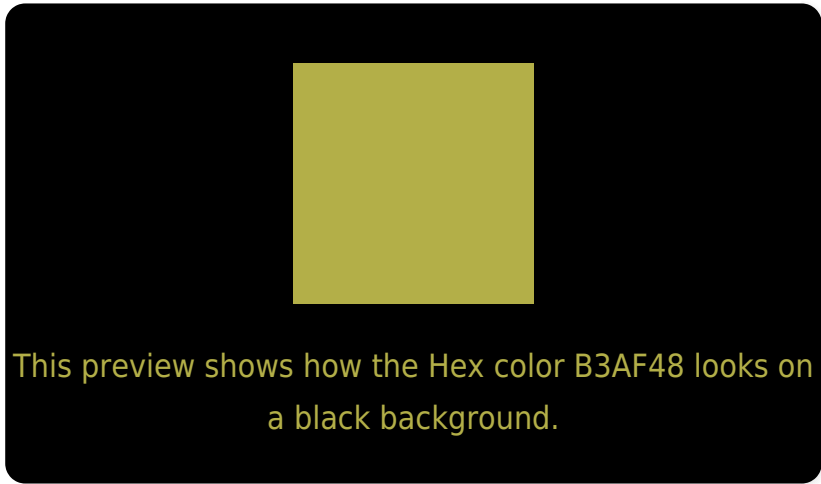
Large Text (above 18pt) WCAG AA × Fail

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

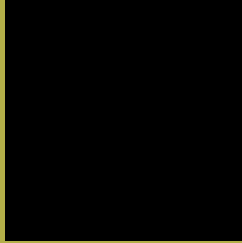
Any Text WCAG AA ✓ Pass

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 B3AF48 Background



This preview shows how black text looks on a background with the Hex color B3AF48.



This preview shows how white text looks on a background with the Hex color B3AF48.

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
B3AF48

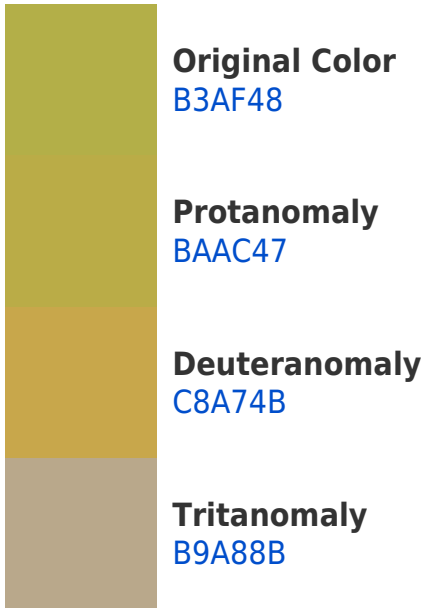
Protanopia
BEAB47

Deuteranopia
D4A34C



Tritanopia
BDA4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B3AF48 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 #B3AF48 looks like.

```
.text, #text, p{  
    color:#B3AF48  
}
```

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 #B3AF48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3AF48
}
```

Border

The CSS property to change the border of an element to Hex B3AF48 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
#B3AF48 }
```

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

```
.border{ border-color:#B3AF48 }
```

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

Here you see how a box with a 4 pixel #B3AF48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3AF48; -webkit-box-shadow:4px 4px  
4px 4px #B3AF48; box-shadow:4px 4px 4px  
4px #B3AF48 }
```

Background

The CSS property to change the background color of an element to Hex B3AF48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3AF48 }
```

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

```
.background{ background-color:#B3AF48 }
```

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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