

# Converting Colors

Hex(B4AC74)

Have a look what the booklet for  
Hex(B4AC74) contains.

<b>Hex(B4AC74)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(B4AC74)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B4AC74
RGB	180, 172, 116
RGB Percent	71%, 67%, 45%
CMY	0.2941, 0.3255, 0.5451
CMYK	0.00, 0.04, 0.36, 0.29
HSL	52°, 30%, 58%
HSV	52°, 36%, 71%
XYZ	36.7273, 40.4693, 22.3986
YIQ	168.0080, 22.7440, -15.7200

# Conversions

## Conversions Part 2

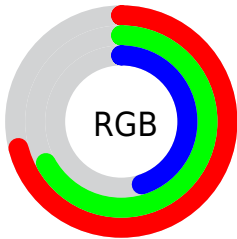
<b>Format</b>	<b>Color</b>
<b>RYB</b>	125, 180, 116
Decimal	11840628
CIELab	69.80, -5.65, 29.87
CIElCh	70, 30.402, 100.720
Yxy	40.4693, 0.3688, 0.4063
Android (android.graphics.Color)	4290030708 (0xFFB4AC74)
YUV	168.0080, -25.6399, 10.5170
Hunter-Lab	63.6155, -8.2732, 23.6552

# Details

The Hex color **B4AC74** is a light color, and the websafe version is hex **999966**. A complement of this color would be **747CB4**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **EDE3A9**, and **7E7843** is the 20% darker color. If you saturate the color by 10%, you get **B4AA62**, and if you desaturate by 10%, it is **B4AE86**.

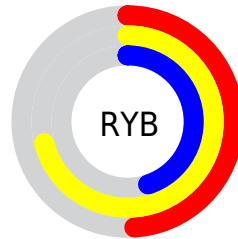
# Distribution



Red (71%)

Green (67%)

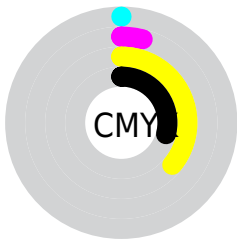
Blue (45%)



Red (49%)

Yellow (71%)

Blue (45%)

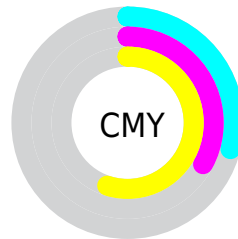


Cyan (0%)

Magenta (4%)

Yellow (36%)

Black (29%)



Cyan (29%)

Magenta (33%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B4AC74 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 B4AC74 by changing the saturation by 10% instead.





B4AC74



B4AC74

FFFFFF



99925B



EDE3A9



7E7843



FFFFC4



645F2C



FFFFE0



4B4815

FFFFFD



343100



1D1D00



000000



B4AC74



B4AC74



B4AA62



B4AE86

 B4A850

 B4B198

 B4A53E

 B4B3AA

 B4A32C

 B4B5BC

 B4A11A

 B4B7CE

 B49F08

 B4BAE0

 B49E00

 B4BCF2

 B4BEFF

 B4C0FF

# Harmonies

## Analogous

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



CDA377



B4AC74



95B480

# Triad

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



B4AC74



52B8CE



D698BD

# Complementary

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



B4AC74



747CB4

# 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.



BBA0D4



B4AC74



6DB2DE

# Square

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



B4AC74



59BAB4



95AAE0



E196A2

# Rectangle

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



B4AC74



80B78F



95AAE0



CE9AC6



# Sweetspot

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



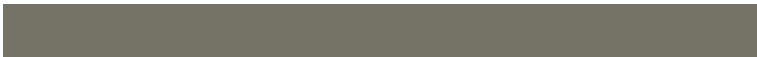
B4AC74



EBE7D1



B4747D



757366



F5F5F5



757575



# Same Dimension

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



B4AC74



EBDE86



9DB474



595850



998600



1A1600



# Inverse Universe

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



747CB4



8692EB



8B74B4



505159



001399



00031A



# Previews

## White Background



This preview shows how the Hex color B4AC74 looks on a white background.

## Color Contrast Check

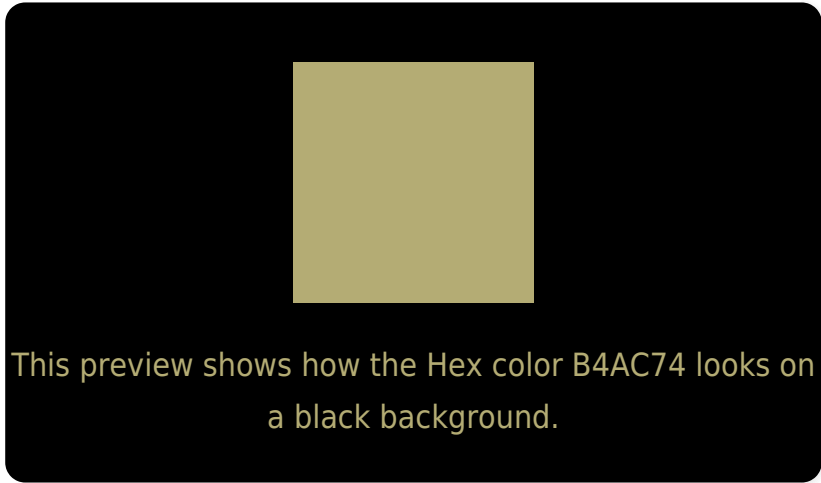
Large Text (above 18pt) WCAG AA × Fail

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

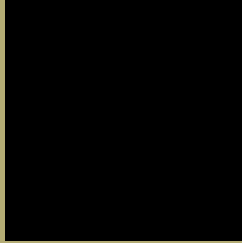
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B4AC74 Background



This preview shows how black text looks on a background with the Hex color B4AC74.



This preview shows how white text looks on a background with the Hex color B4AC74.

# 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



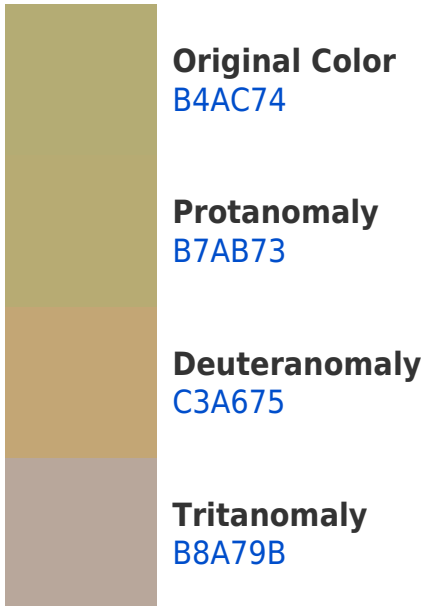
**Original Color**  
B4AC74

**Protanopia**  
B9AA73

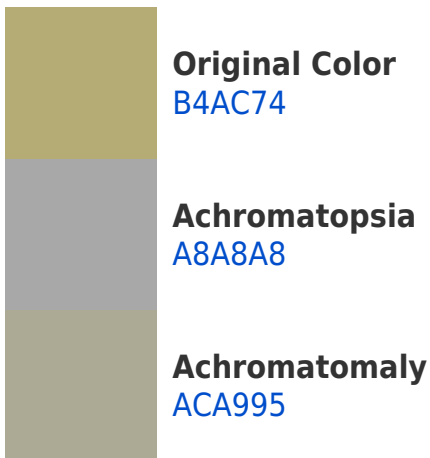
**Deuteranopia**  
CCA376



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B4AC74 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 #B4AC74 looks like.

```
.text, #text, p{  
    color:#B4AC74  
}
```

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 #B4AC74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4AC74
}
```

## Border

The CSS property to change the border of an element to Hex B4AC74 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
#B4AC74 }
```

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

```
.border{ border-color:#B4AC74 }
```

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

Here you see how a box with a 4 pixel #B4AC74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4AC74; -webkit-box-shadow:4px 4px  
4px 4px #B4AC74; box-shadow:4px 4px 4px  
4px #B4AC74 }
```

# Background

The CSS property to change the background color of an element to Hex B4AC74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4AC74 }
```

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

```
.background{ background-color:#B4AC74 }
```

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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