

# Converting Colors

Hex(B4AC96)

Have a look what the booklet for  
Hex(B4AC96) contains.

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# **Color**

**Hex(B4AC96)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B4AC96
RGB	180, 172, 150
RGB Percent	71%, 67%, 59%
CMY	0.2941, 0.3255, 0.4118
CMYK	0.00, 0.04, 0.17, 0.29
HSL	44°, 17%, 65%
HSV	44°, 17%, 71%
XYZ	39.0799, 41.4104, 34.7874
YIQ	171.8840, 11.8300, -5.1460

# Conversions

## Conversions Part 2

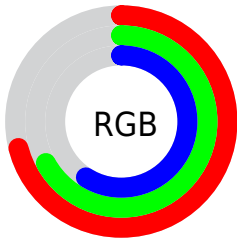
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	161, 180, 150
Decimal	11840662
CIE Lab	70.46, -0.88, 12.35
CIE LCh	70, 12.379, 94.094
Yxy	41.4104, 0.3390, 0.3592
Android (android.graphics.Color)	4290030742 (0xFFB4AC96)
YUV	171.8840, -10.7888, 7.1177
Hunter-Lab	64.3509, -4.2120, 12.9940

# Details

The Hex color **B4AC96** is a light color, and the websafe version is hex **999999**. A complement of this color would be **969EB4**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **ECE3CC**, and **7F7863** is the 20% darker color. If you saturate the color by 10%, you get **B4A784**, and if you desaturate by 10%, it is **B4B1A8**.

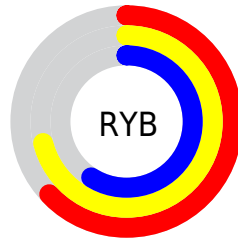
# Distribution



Red (71%)

Green (67%)

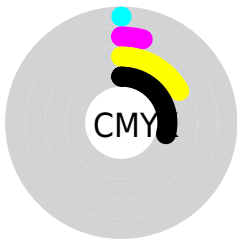
Blue (59%)



Red (63%)

Yellow (71%)

Blue (59%)

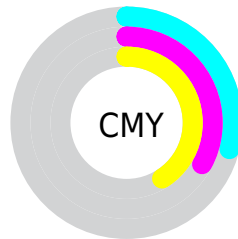


Cyan (0%)

Magenta (4%)

Yellow (17%)

Black (29%)



Cyan (29%)

Magenta (33%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B4AC96 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 B4AC96 by changing the saturation by 10% instead.



 B4AC96

 B4AC96

FFFFFF

 99917C

 ECE3CC


 7F7863

 FFFFE8

 665F4B

 4E4735

 37311F

 211C08

 000200

 000000

 B4AC96

 B4AC96

 B4A784

 B4B1A8

 B4A272

 B4B6BA

 B49E60

 B4BACC

 B4994E

 B4BFDE

 B4943C

 B4C4F0

 B48F2A

 B4C9FF

 B48A18

 B4CEFF

 B48606

 B4D2FF

 B48400

 B4D7FF

# Harmonies

## Analogous

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



BEA898



B4AC96



A7B09A

# Triad

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



B4AC96



90B2B8



BDA6B6

# Complementary

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



B4AC96



969EB4

# 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.



B1A9BF



B4AC96



96B0C0

# Square

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



B4AC96



92B3AD



A2ADC3



C4A5AB

# Rectangle

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



B4AC96



9FB19F



A2ADC3



B9A7BA

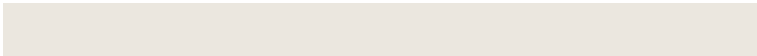


# Sweetspot

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



B4AC96



EBE7DF



B4969E



75736E



F5F5F5



757575



# Same Dimension

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



B4AC96



EBDEBC



ADB496



595750



997000



1A1300



# Inverse Universe

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



969EB4



BCC8EB



9D96B4



505359



002999

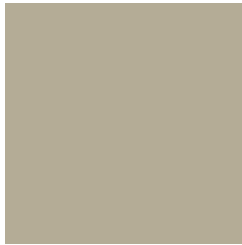


00071A



# Previews

## White Background



This preview shows how the Hex color B4AC96 looks on a white background.

## Color Contrast Check

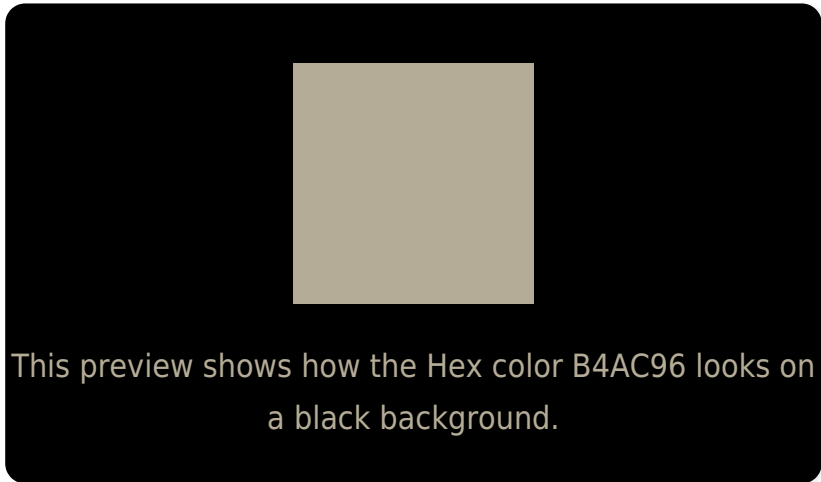
Large Text (above 18pt) WCAG AA × Fail

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

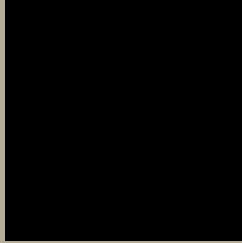
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

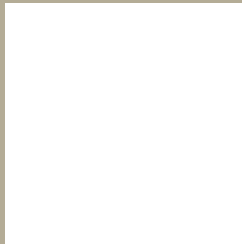
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B4AC96 Background



This preview shows how black text looks on a background with the Hex color B4AC96.



This preview shows how white text looks on a background with the Hex color B4AC96.

# 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**  
B4AC96

**Protanopia**  
B5AC96

**Deuteranopia**  
C5A697



**Tritanopia**  
B8A8B5

# Trichromacy



**Original Color**  
B4AC96

**Protanomaly**  
B5AC96

**Deuteranomaly**  
BFA897

**Tritanomaly**  
B7A9AA

# Monochromacy



**Original Color**  
B4AC96

**Achromatopsia**  
ACACAC

**Achromatomaly**  
AFACA4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B4AC96 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 #B4AC96 looks like.

```
.text, #text, p{  
    color:#B4AC96  
}
```

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 #B4AC96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4AC96
}
```

## Border

The CSS property to change the border of an element to Hex B4AC96 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
#B4AC96 }
```

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

```
.border{ border-color:#B4AC96 }
```

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

Here you see how a box with a 4 pixel #B4AC96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4AC96; -webkit-box-shadow:4px 4px  
4px 4px #B4AC96; box-shadow:4px 4px 4px  
4px #B4AC96 }
```

# Background

The CSS property to change the background color of an element to Hex B4AC96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4AC96 }
```

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

```
.background{ background-color:#B4AC96 }
```

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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