

# Converting Colors

Hex(B4A8A3)

Have a look what the booklet for  
Hex(B4A8A3) contains.

<b>Hex(B4A8A3)</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(B4A8A3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B4A8A3
RGB	180, 168, 163
RGB Percent	71%, 66%, 64%
CMY	0.2941, 0.3412, 0.3608
CMYK	0.00, 0.07, 0.09, 0.29
HSL	18°, 10%, 67%
HSV	18°, 9%, 71%
XYZ	39.4359, 40.3529, 40.3607
YIQ	171.0180, 8.7570, 0.9890

# Conversions

## Conversions Part 2

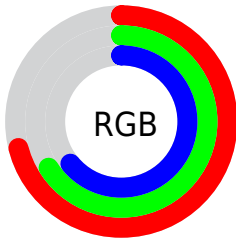
<b>Format</b>	<b>Color</b>
<b>RYB</b>	180, 170, 163
Decimal	11839651
CIELab	69.72, 3.44, 4.12
CIELCh	70, 5.371, 50.160
Yxy	40.3529, 0.3282, 0.3359
Android (android.graphics.Color)	4290029731 (0xFFB4A8A3)
YUV	171.0180, -3.9529, 7.8772
Hunter-Lab	63.5239, -0.3535, 6.7961

# Details

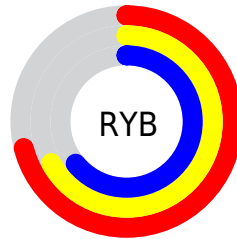
The Hex color **B4A8A3** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A3AFB4**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **ECDFDA**, and **7F746F** is the 20% darker color. If you saturate the color by 10%, you get **B49B91**, and if you desaturate by 10%, it is **B4B5B5**.

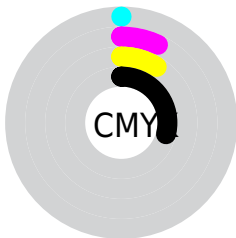
# Distribution



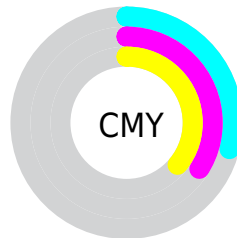
- Red (71%)
- Green (66%)
- Blue (64%)



- Red (71%)
- Yellow (67%)
- Blue (64%)



- Cyan (0%)
- Magenta (7%)
- Yellow (9%)
- Black (29%)



- Cyan (29%)
- Magenta (34%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B4A8A3 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 B4A8A3 by changing the saturation by 10% instead.





B4A8A3



B4A8A3

FFFFFF



998E89



ECDFDA



7F746F



FFFCF6



665B57



4E4440



372E2A



221915



060000



000000



B4A8A3



B4A8A3

 B49B91

 B4B5B5

 B48F7F

 B4C1C7

 B4826D

 B4CED9

 B4755B

 B4DBEB

 B46849

 B4E8FD

 B45C37

 B4F4FF

 B44F25

 B4FFFF

 B44213

 B43601

# Harmonies

## Analogous

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



B5A7A7



B4A8A3



B0A9A1

# Triad

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



B4A8A3



A1ADA8



A9AAB3

# Complementary

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



B4A8A3



A3AFB4

# 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.



A4ABB4



B4A8A3



9FADAD

# Square

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



B4A8A3



A5ACA4



A0ADB2



AFA8B1

# Rectangle

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



**B4A8A3**



**ADAAA1**



**A0ADB2**



**A7AAB4**



# Sweetspot

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



B4A8A3



EBE6E4



B4A3AF



757271



F5F5F5



757575



# Same Dimension

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



B4A8A3



EBD8D1



B4B0A3



595350



992D00



1A0800



# Inverse Universe

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



A3AFB4



D1E3EB



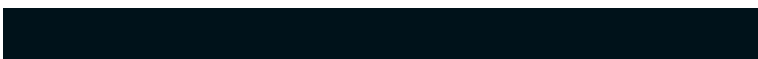
A3A7B4



505759



006C99



00121A



# Previews

## White Background



This preview shows how the Hex color B4A8A3 looks on a white background.

## Color Contrast Check

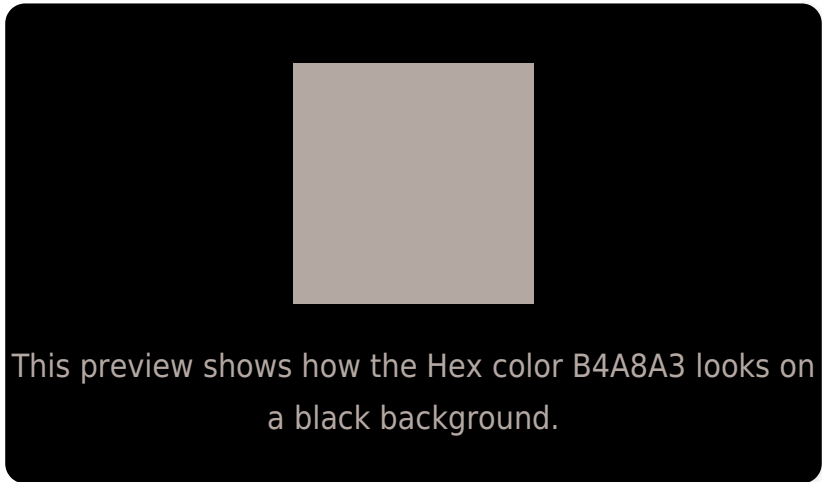
Large Text (above 18pt) WCAG AA × Fail

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

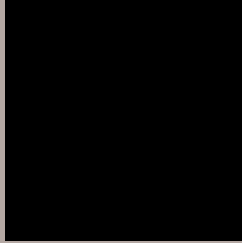
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

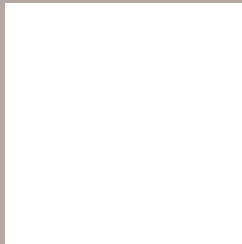
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B4A8A3 Background



This preview shows how black text looks on a background with the Hex color B4A8A3.



This preview shows how white text looks on a background with the Hex color B4A8A3.

# 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**  
B4A8A3

**Protanopia**  
AFAAA4

**Deuteranopia**  
BDA5A4



**Tritanopia**  
B6A6B3

# Trichromacy



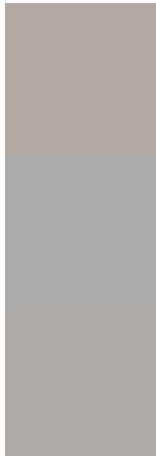
**Original Color**  
B4A8A3

**Protanomaly**  
B1A9A4

**Deuteranomaly**  
BAA6A4

**Tritanomaly**  
B5A7AD

# Monochromacy



**Original Color**  
B4A8A3

**Achromatopsia**  
ABABAB

**Achromatomaly**  
AEAAA8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B4A8A3 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 #B4A8A3 looks like.

```
.text, #text, p{  
    color:#B4A8A3  
}
```

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 #B4A8A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4A8A3
}
```

## Border

The CSS property to change the border of an element to Hex B4A8A3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

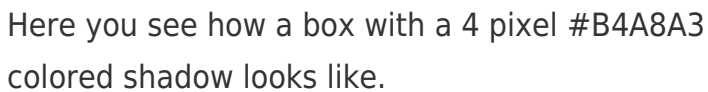
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B4A8A3 }
```

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

```
.border{ border-color:#B4A8A3 }
```

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



Here you see how a box with a 4 pixel #B4A8A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4A8A3; -webkit-box-shadow:4px 4px  
4px 4px #B4A8A3; box-shadow:4px 4px 4px  
4px #B4A8A3 }
```

# Background

The CSS property to change the background color of an element to Hex B4A8A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4A8A3 }
```

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

```
.background{ background-color:#B4A8A3 }
```

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