

# Converting Colors

Hex(B8AAA7)

Have a look what the booklet for  
Hex(B8AAA7) contains.

<b>Hex(B8AAA7)</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(B8AAA7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B8AAA7
RGB	184, 170, 167
RGB Percent	72%, 67%, 65%
CMY	0.2784, 0.3333, 0.3451
CMYK	0.00, 0.08, 0.09, 0.28
HSL	11°, 11%, 69%
HSV	11°, 9%, 72%
XYZ	41.1169, 41.7298, 42.4468
YIQ	173.8440, 9.3070, 2.0350

# Conversions

## Conversions Part 2

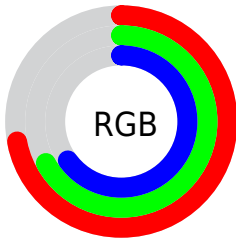
Format	Color
<a href="#">RYB</a>	<a href="#">184, 171, 167</a>
Decimal	<a href="#">12102311</a>
CIELab	<a href="#">70.68, 4.51, 3.35</a>
CIELCh	<a href="#">71, 5.621, 36.622</a>
Yxy	<a href="#">41.7298, 0.3282, 0.3331</a>
Android (android.graphics.Color)	<a href="#">4290292391</a> ( <a href="#">0xFFB8AAA7</a> )
YUV	<a href="#">173.8440, -3.3741, 8.9068</a>
Hunter-Lab	<a href="#">64.5986, 0.5674, 6.2605</a>

# Details

The Hex color **B8AAA7** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A7B5B8**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **F0E1DE**, and **837673** is the 20% darker color. If you saturate the color by 10%, you get **B89B95**, and if you desaturate by 10%, it is **B8B9B9**.

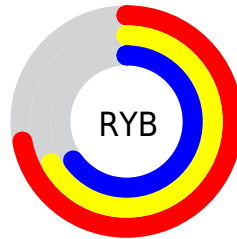
# Distribution



Red (72%)

Green (67%)

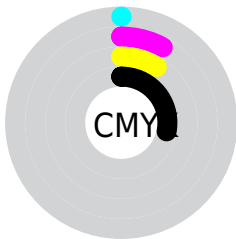
Blue (65%)



Red (72%)

Yellow (67%)

Blue (65%)

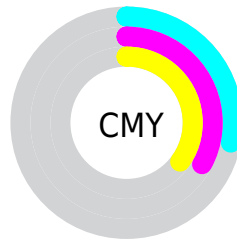


Cyan (0%)

Magenta (8%)

Yellow (9%)

Black (28%)



Cyan (28%)

Magenta (33%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B8AAA7 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 B8AAA7 by changing the saturation by 10% instead.



 B8AAA7

 B8AAA7

FFFFFF

 9D908D

 F0E1DE

 837673

 FFFEFB

 6A5D5B

 514643

 3A2F2D

 251B18

 0F0000

 000000

 B8AAA7

 B8AAA7

 B89B95

 B8B9B9

 B88C82

 B8C8CC

 B87D70

 B8D7DE

 B86D5D

 B8E7F1

 B85E4B

 B8F6FF

 B84F39

 B8FFFF

 B84026

 B83114

 B82201

# Harmonies

## Analogous

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



B8AAAC



B8AAA7



B5ABA4

# Triad

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



B8AAA7



A5B0A9



A9ADB7

# Complementary

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



B8AAA7



A7B5B8

# 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.



A4AFB6



B8AAA7



A1B0AE

# Square

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



B8AAA7



AAAEA5



A1B0B3



AFABB5

# Rectangle

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



B8AAA7



B2ACA3



A1B0B3



A7ADB7

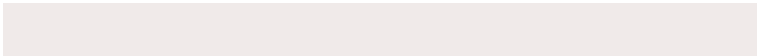


# Sweetspot

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



B8AAA7



F0EAE9



B8A7B5



787473



F7F7F7



787878

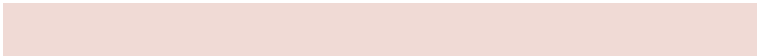


# Same Dimension

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



B8AAA7



F0DAD5



B8B2A7



5C5453



9C1B00



1C0500



# Inverse Universe

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



A7B5B8



D5EBF0



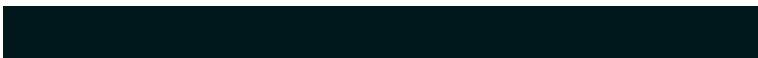
A7ADB8



535A5C



00809C



00171C



# Previews

## White Background



This preview shows how the Hex color B8AAA7 looks on a white background.

## Color Contrast Check

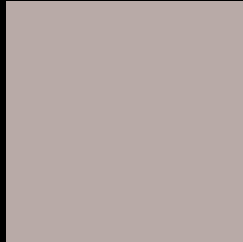
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color B8AAA7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

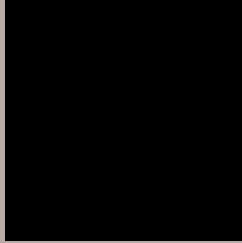
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B8AAA7 Background



This preview shows how black text looks on a background with the Hex color B8AAA7.

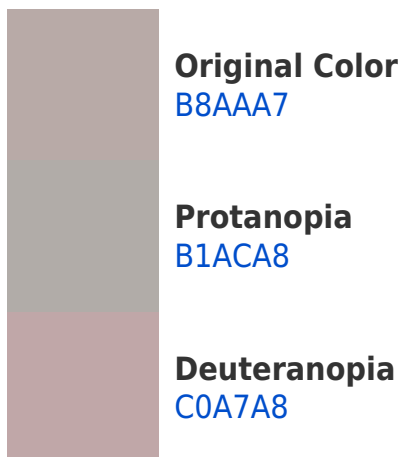


This preview shows how white text looks on a background with the Hex color B8AAA7.

# 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**  
BAA8B5

# Trichromacy



**Original Color**  
B8AAA7

**Protanomaly**  
B4ABA8

**Deuteranomaly**  
BDA8A8

**Tritanomaly**  
B9A9B0

# Monochromacy



**Original Color**  
B8AAA7

**Achromatopsia**  
AEAEAE

**Achromatomaly**  
B2ADAB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B8AAA7 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 #B8AAA7 looks like.

```
.text, #text, p{  
    color:#B8AAA7  
}
```

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 #B8AAA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B8AAA7  
}
```

## Border

The CSS property to change the border of an element to Hex B8AAA7 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  
#B8AAA7 }
```

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

```
.border{ border-color:#B8AAA7 }
```

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

Here you see how a box with a 4 pixel #B8AAA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B8AAA7; -webkit-box-shadow:4px 4px  
4px 4px #B8AAA7; box-shadow:4px 4px 4px  
4px #B8AAA7 }
```

# Background

The CSS property to change the background color of an element to Hex B8AAA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B8AAA7 }
```

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

```
.background{ background-color:#B8AAA7 }
```

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