

# Converting Colors

Hex(B3AAA3)

Have a look what the booklet for  
Hex(B3AAA3) contains.

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# **Color**

**Hex(B3AAA3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B3AAA3
RGB	179, 170, 163
RGB Percent	70%, 67%, 64%
CMY	0.2980, 0.3333, 0.3608
CMYK	0.00, 0.05, 0.09, 0.30
HSL	26°, 10%, 67%
HSV	26°, 9%, 70%
XYZ	39.5760, 40.9775, 40.4739
YIQ	171.8930, 7.6110, -0.2690

# Conversions

## Conversions Part 2

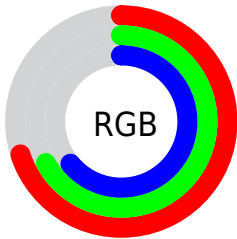
Format	Color
<a href="#">RYB</a>	<a href="#">179, 175, 163</a>
Decimal	<a href="#">11774627</a>
CIELab	<a href="#">70.16, 1.99, 4.75</a>
CIELCh	<a href="#">70, 5.147, 67.308</a>
Yxy	<a href="#">40.9775, 0.3270, 0.3386</a>
Android (android.graphics.Color)	<a href="#">4289964707 (0xFFB3AAA3)</a>
YUV	<a href="#">171.8930, -4.3842, 6.2328</a>
Hunter-Lab	<a href="#">64.0137, -1.6676, 7.3223</a>

# Details

The Hex color **B3AAA3** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A3ACB3**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **EBE1DA**, and **7E766F** is the 20% darker color. If you saturate the color by 10%, you get **B3A091**, and if you desaturate by 10%, it is **B3B4B5**.

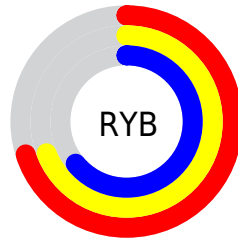
# Distribution



Red (70%)

Green (67%)

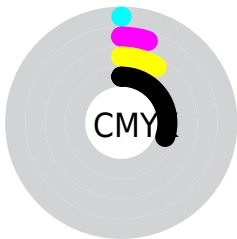
Blue (64%)



Red (70%)

Yellow (69%)

Blue (64%)

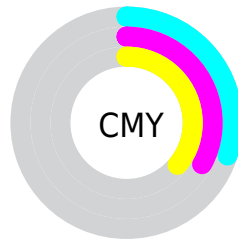


Cyan (0%)

Magenta (5%)

Yellow (9%)

Black (30%)



Cyan (30%)

Magenta (33%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B3AAA3 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 B3AAA3 by changing the saturation by 10% instead.





B3AAA3



B3AAA3

FFFFFF



989089



EBE1DA



7E766F



FFFEF6



655D57



4D4640



362F2A



211B15



060000



000000



B3AAA3



B3AAA3

 B3A091

 B3B4B5

 B3967F

 B3BEC7

 B38C6D

 B3C8D9

 B3825B

 B3D2EB

 B3784A

 B3DCFD

 B36E38

 B3E6FF

 B36426

 B3F0FF

 B35914

 B3FBFF

 B34F02

 B3FFFF

# Harmonies

## Analogous

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



B6A9A6



B3AAA3



AEACA2

# Triad

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



B3AAA3



A1AEAC



AEAAB3

# Complementary

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



B3AAA3



A3ACB3

# 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.



A8ABB5



B3AAA3



A1AEB1

# Square

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



B3AAA3



A4AEA8



A3ADB4



B3A9AF

# Rectangle

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



B3AAA3



ABADA3



A3ADB4



ACAAB4

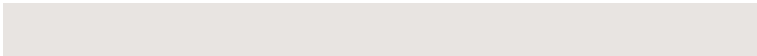


# Sweetspot

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



B3AAA3



E8E4E1



B3A3AC



757371



F5F5F5



757575



# Same Dimension

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



B3AAA3



E8DACF



B3B2A3



595450



994300



1A0B00



# Inverse Universe

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



A3ACB3



CFDDE8



A3A4B3



505559



005699



000E1A



# Previews

## White Background



This preview shows how the Hex color B3AAA3 looks on a white background.

## Color Contrast Check

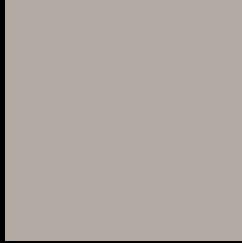
Large Text (above 18pt) WCAG AA × Fail

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 B3AAA3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

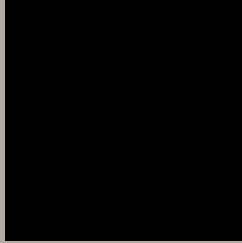
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

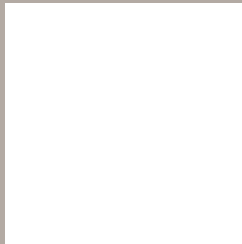
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B3AAA3 Background



This preview shows how black text looks on a background with the Hex color B3AAA3.

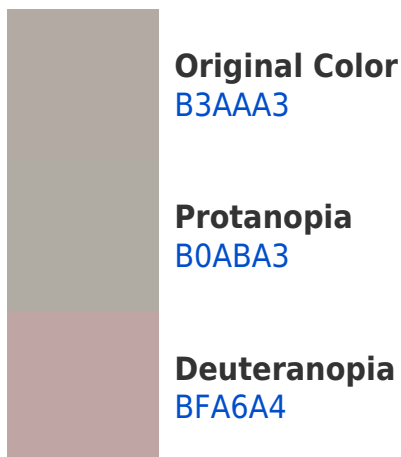


This preview shows how white text looks on a background with the Hex color B3AAA3.

# 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](#).

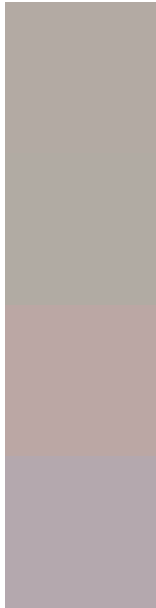
## Dichromacy





**Tritanopia**  
B5A7B5

# Trichromacy



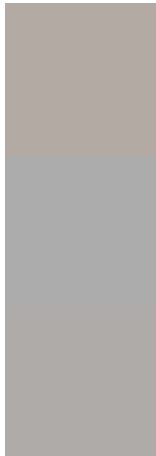
**Original Color**  
B3AAA3

**Protanomaly**  
B1ABA3

**Deuteranomaly**  
BBA7A4

**Tritanomaly**  
B4A8AE

# Monochromacy



**Original Color**  
B3AAA3

**Achromatopsia**  
ACACAC

**Achromatomaly**  
AFABA9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B3AAA3 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 #B3AAA3 looks like.

```
.text, #text, p{  
    color:#B3AAA3  
}
```

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 #B3AAA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3AAA3
}
```

## Border

The CSS property to change the border of an element to Hex B3AAA3 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
#B3AAA3 }
```

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

```
.border{ border-color:#B3AAA3 }
```

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

Here you see how a box with a 4 pixel #B3AAA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3AAA3; -webkit-box-shadow:4px 4px  
4px 4px #B3AAA3; box-shadow:4px 4px 4px  
4px #B3AAA3 }
```

# Background

The CSS property to change the background color of an element to Hex B3AAA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3AAA3 }
```

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

```
.background{ background-color:#B3AAA3 }
```

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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