

# Converting Colors

Hex(B2AEA3)

Have a look what the booklet for  
Hex(B2AEA3) contains.

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# **Color**

**Hex(B2AEA3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2AEA3
RGB	178, 174, 163
RGB Percent	70%, 68%, 64%
CMY	0.3020, 0.3176, 0.3608
CMYK	0.00, 0.02, 0.08, 0.30
HSL	44°, 9%, 67%
HSV	44°, 8%, 70%
XYZ	40.1070, 42.3814, 40.7169
YIQ	173.9420, 5.9150, -2.5730

# Conversions

## Conversions Part 2

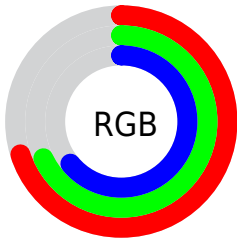
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">168, 178, 163</a>
Decimal	<a href="#">11710115</a>
CIELab	<a href="#">71.13, -0.55, 6.14</a>
CIELCh	<a href="#">71, 6.163, 95.078</a>
Yxy	<a href="#">42.3814, 0.3255, 0.3440</a>
Android (android.graphics.Color)	<a href="#">4289900195 (0xFFB2AEA3)</a>
YUV	<a href="#">173.9420, -5.3944, 3.5589</a>
Hunter-Lab	<a href="#">65.1010, -3.9577, 8.4883</a>

# Details

The Hex color **B2AEA3** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A3A7B2**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **EAE5DA**, and **7D7A6F** is the 20% darker color. If you saturate the color by 10%, you get **B2A991**, and if you desaturate by 10%, it is **B2B3B5**.

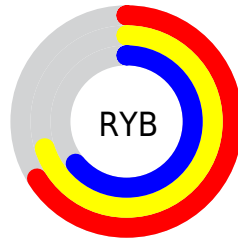
# Distribution



Red (70%)

Green (68%)

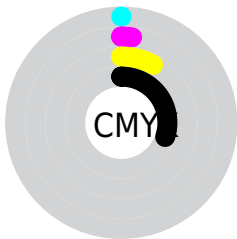
Blue (64%)



Red (66%)

Yellow (70%)

Blue (64%)

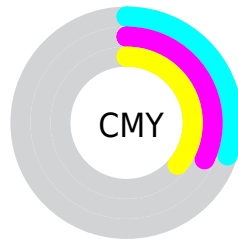


Cyan (0%)

Magenta (2%)

Yellow (8%)

Black (30%)



Cyan (30%)

Magenta (32%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B2AEA3 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 B2AEA3 by changing the saturation by 10% instead.





B2AEA3



B2AEA3

FFFFFF



979389



EAE5DA



7D7A6F



FFFFF6



646157



4C4940



36332A



201E15



050400



000000



B2AEA3



B2AEA3

 B2A991

 B2B3B5

 B2A57F

 B2B7C7

 B2A06E

 B2BCD8

 B29B5C

 B2C1EA

 B2964A

 B2C6FC

 B29238

 B2CAFF

 B28D26

 B2CFFF

 B28815

 B2D4FF

 B28303

 B2D9FF

# Harmonies

## Analogous

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



B7ACA4



B2AEA3



ABB0A5

# Triad

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



B2AEA3



A1B1B4



B7ABB3

# Complementary

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



B2AEA3



A3A7B2

# 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.



**B1ACB7**



**B2AEA3**



**A4B0B8**

# Square

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



B2AEA3



A1B2AF



AAAEB9



BAAAAD

# Rectangle

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



B2AE A3



A7B1 A8



AAAEB9



B5ABB5

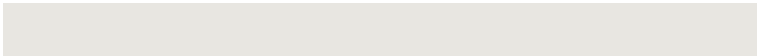


# Sweetspot

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



B2AE A3



E8E6 E1



B2A3 A7



7574 71



F5F5 F5



7575 75

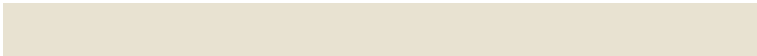


# Same Dimension

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



B2AE A3



E8E2 D1



AFB2 A3



5957 50



9970 00



1A13 00



# Inverse Universe

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



A3A7B2



D1D7E8



A7A3B2



505359



002999



00071A



# Previews

## White Background



This preview shows how the Hex color B2AEA3 looks on a white background.

## Color Contrast Check

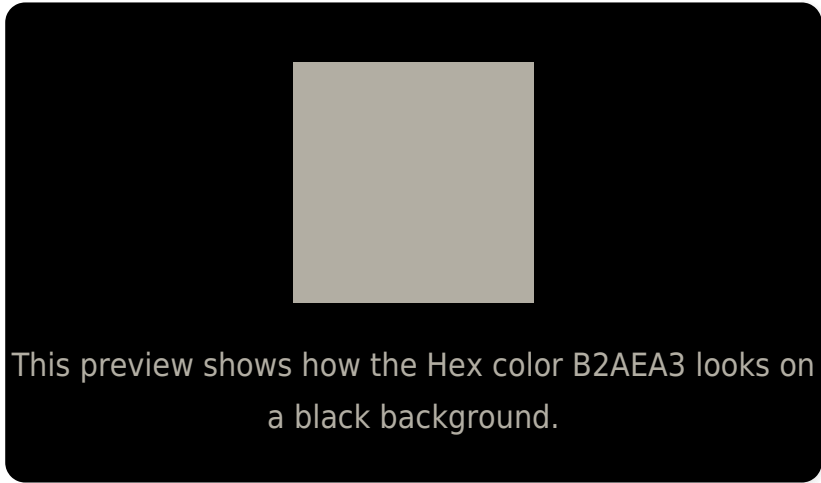
Large Text (above 18pt) WCAG AA × Fail

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

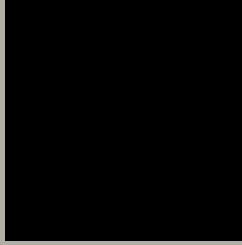
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

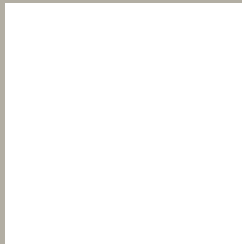
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B2AEA3 Background



This preview shows how black text looks on a background with the Hex color B2AEA3.

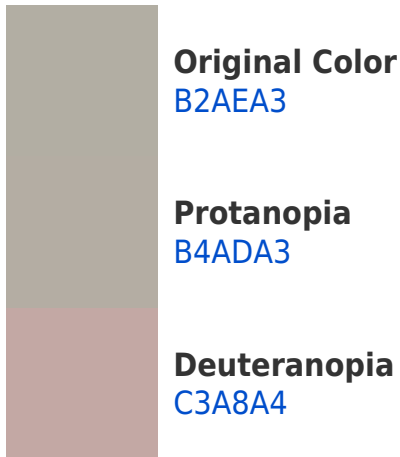


This preview shows how white text looks on a background with the Hex color B2AEA3.

# 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](#).

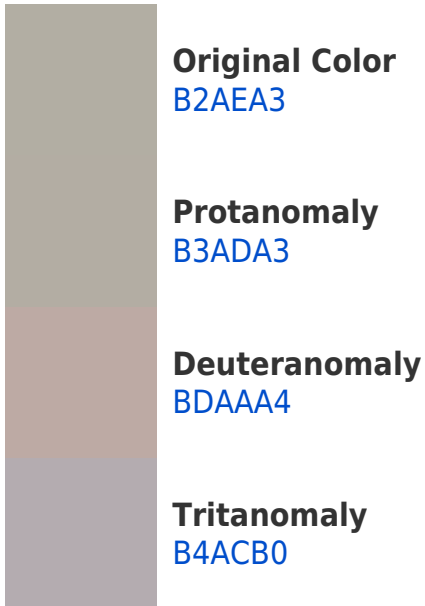
## Dichromacy



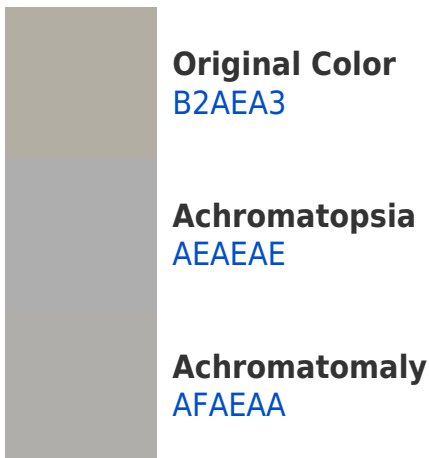


**Tritanopia**  
B5ABB8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B2AEA3 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 #B2AEA3 looks like.

```
.text, #text, p{  
    color:#B2AEA3  
}
```

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 #B2AEA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2AEA3
}
```

## Border

The CSS property to change the border of an element to Hex B2AEA3 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
#B2AEA3 }
```

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

```
.border{ border-color:#B2AEA3 }
```

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

Here you see how a box with a 4 pixel #B2AEA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2AEA3; -webkit-box-shadow:4px 4px  
4px 4px #B2AEA3; box-shadow:4px 4px 4px  
4px #B2AEA3 }
```

# Background

The CSS property to change the background color of an element to Hex B2AEA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2AEA3 }
```

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

```
.background{ background-color:#B2AEA3 }
```

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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