

Converting Colors

Hex(B2AE9B)

Have a look what the booklet for
Hex(B2AE9B) contains.

Hex(B2AE9B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B2AE9B)

Conversions

Conversions Part 1

Format	Color
Hex	B2AE9B
RGB	178, 174, 155
RGB Percent	70%, 68%, 61%
CMY	0.3020, 0.3176, 0.3922
CMYK	0.00, 0.02, 0.13, 0.30
HSL	50°, 13%, 65%
HSV	50°, 13%, 70%
XYZ	39.4125, 42.1036, 37.0599
YIQ	173.0300, 8.4830, -5.0610

Conversions

Conversions Part 2

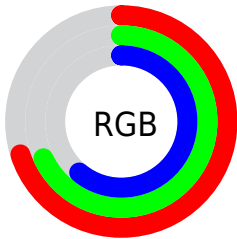
Format	Color
RYB	160, 178, 155
Decimal	11710107
CIELab	70.94, -1.90, 10.26
CIELCh	71, 10.435, 100.493
Yxy	42.1036, 0.3324, 0.3551
Android (android.graphics.Color)	4289900187 (0xFFB2AE9B)
YUV	173.0300, -8.8888, 4.3587
Hunter-Lab	64.8873, -5.1319, 11.5581

Details

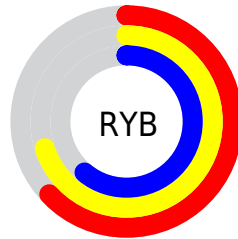
The Hex color **B2AE9B** is a light color, and the websafe version is hex **999999**. A complement of this color would be **9B9FB2**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **EAE5D1**, and **7D7A68** is the 20% darker color. If you saturate the color by 10%, you get **B2AB89**, and if you desaturate by 10%, it is **B2B1AD**.

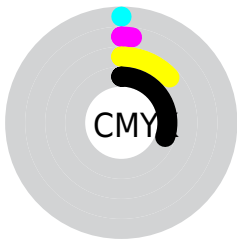
Distribution



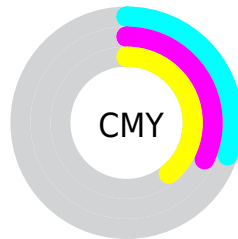
- Red (70%)
- Green (68%)
- Blue (61%)



- Red (63%)
- Yellow (70%)
- Blue (61%)



- Cyan (0%)
- Magenta (2%)
- Yellow (13%)
- Black (30%)



- Cyan (30%)
- Magenta (32%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2AE9B 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 B2AE9B by changing the saturation by 10% instead.



B2AE9B



B2AE9B

FFFFFF



979381



EAE5D1



7D7A68



FFFEE



646150



4C4939



353323



201E0E



000500



000000



B2AE9B



B2AE9B

 B2AB89

 B2B1AD

 B2A877

 B2B4BF

 B2A566

 B2B7D0

 B2A254

 B2BAE2

 B29F42

 B2BDF4

 B29B30

 B2C1FF

 B2981E

 B2C4FF

 B2950D

 B2C7FF

 B29300

 B2CAFF

Harmonies

Analogous

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



BBAB9C



B2AE9B



A7B19F

Triad

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



B2AE9B



97B2BA



BDA8B4

Complementary

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



B2AE9B



9B9FB2

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.



B4AABC



B2AE9B



9DB0BF

Square

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



B2AE9B



97B3B1



A8ADC0



C2A7AB

Rectangle

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



B2AE9B



A0B2A4



A8ADC0



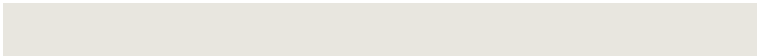
BAA9B7

Sweetspot

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



B2AE9B



E8E6DF



B29B9F



75746F



F5F5F5



757575

Same Dimension

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



B2AE9B



E8E2C3



ABB29B



595850



997E00



1A1500

Inverse Universe

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



9B9FB2



C3C9E8



A29BB2



505259



001B99



00041A

Previews

White Background



This preview shows how the Hex color B2AE9B looks on a white background.

Color Contrast Check

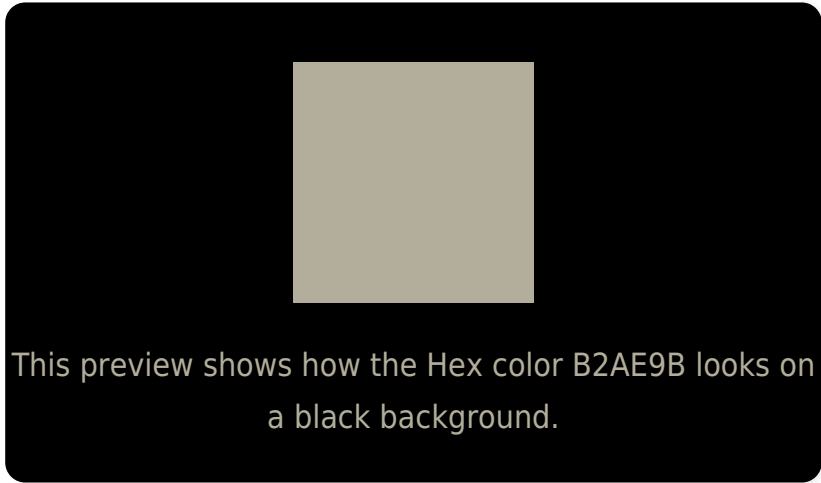
Large Text (above 18pt) WCAG AA × Fail

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

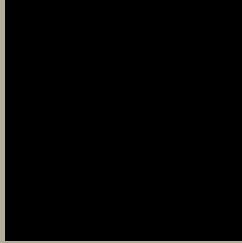
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

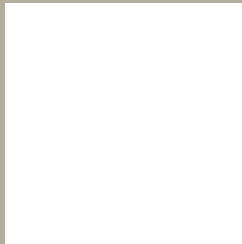
Any Text WCAG AAA ✓ Pass

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

Hex B2AE9B Background



This preview shows how black text looks on a background with the Hex color B2AE9B.



This preview shows how white text looks on a background with the Hex color B2AE9B.

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
B6AAB7

Trichromacy



Original Color
B2AE9B

Protanomaly
B4AD9A

Deuteranomaly
BEAA9C

Tritanomaly
B5ABAD

Monochromacy



Original Color
B2AE9B

Achromatopsia
ADADAD

Achromatomaly
AFADA6

CSS Examples

Text

The CSS property to change the color of the text to Hex B2AE9B 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 #B2AE9B looks like.

```
.text, #text, p{  
    color:#B2AE9B  
}
```

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 #B2AE9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2AE9B
}
```

Border

The CSS property to change the border of an element to Hex B2AE9B 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
#B2AE9B }
```

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

```
.border{ border-color:#B2AE9B }
```

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

Here you see how a box with a 4 pixel #B2AE9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2AE9B; -webkit-box-shadow:4px 4px  
4px 4px #B2AE9B; box-shadow:4px 4px 4px  
4px #B2AE9B }
```

Background

The CSS property to change the background color of an element to Hex B2AE9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2AE9B }
```

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

```
.background{ background-color:#B2AE9B }
```

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