

Converting Colors

Hex(B1AEA8)

Have a look what the booklet for
Hex(B1AEA8) contains.

Hex(B1AEA8)	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(B1AEA8)

Conversions

Conversions Part 1

Format	Color
Hex	B1AEA8
RGB	177, 174, 168
RGB Percent	69%, 68%, 66%
CMY	0.3059, 0.3176, 0.3412
CMYK	0.00, 0.02, 0.05, 0.31
HSL	40°, 5%, 68%
HSV	40°, 5%, 69%
XYZ	40.3354, 42.4464, 43.1129
YIQ	174.2130, 3.7140, -1.2300

Conversions

Conversions Part 2

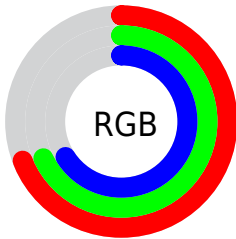
Format	Color
RYB	173, 177, 168
Decimal	11644584
CIELab	71.18, -0.03, 3.44
CIElCh	71, 3.443, 90.444
Yxy	42.4464, 0.3204, 0.3372
Android (android.graphics.Color)	4289834664 (0xFFB1AEA8)
YUV	174.2130, -3.0630, 2.4442
Hunter-Lab	65.1509, -3.5033, 6.3711

Details

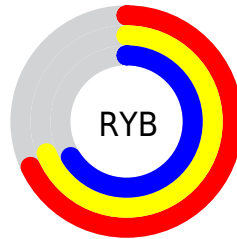
The Hex color **B1AEA8** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A8ABB1**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **E9E5DF**, and **7C7A74** is the 20% darker color. If you saturate the color by 10%, you get **B1A896**, and if you desaturate by 10%, it is **B1B4BA**.

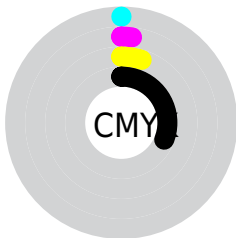
Distribution



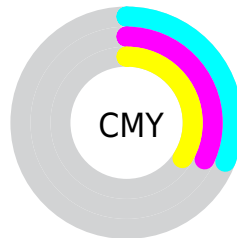
- Red (69%)
- Green (68%)
- Blue (66%)



- Red (68%)
- Yellow (69%)
- Blue (66%)



- Cyan (0%)
- Magenta (2%)
- Yellow (5%)
- Black (31%)



- Cyan (31%)
- Magenta (32%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1AEA8 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 B1AEA8 by changing the saturation by 10% instead.

 B1AEA8

 B1AEA8

FFFFFF

 96938E

 E9E5DF

 7C7A74

FFFFFFC

 64615B

 4C4944

 35332E

 201E19

 070400

 000000

 B1AEA8

 B1AEA8

 B1A896

 B1B4BA

 B1A285

 B1BACB

 B19C73

 B1C0DD

 B19661

 B1C6EF

 B19150

 B1CBFF

 B18B3E

 B1D1FF

 B1852C

 B1D7FF

 B17F1A

 B1DDFF

 B17909

 B1E3FF

Harmonies

Analogous

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



B4ADA9



B1AE8



ADAF9

Triad

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



B1AEA8



A7B0B1



B3ADB1

Complementary

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



B1AEA8



A8ABB1

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.



AFADB4



B1AE8



A8AFB4

Square

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



B1AEA8



A7B0AE



ABAEB4



B5ACAE

Rectangle

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



B1AE8



ABB0AA



ABAEB4



B1ADB2

Sweetspot

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



B1AE8



E6E4E1



B1A8AB



737270



F2F2F2



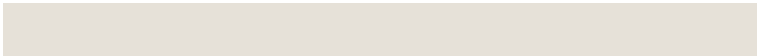
737373

Same Dimension

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



B1AEA8



E6E1D8



B0B1A8



595753



996600



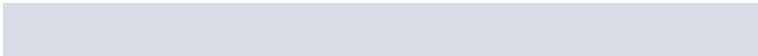
1A1100

Inverse Universe

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



A8ABB1



D8DCE6



AAA8B1



535559



003399



00081A

Previews

White Background



This preview shows how the Hex color B1AEA8 looks on a white background.

Color Contrast Check

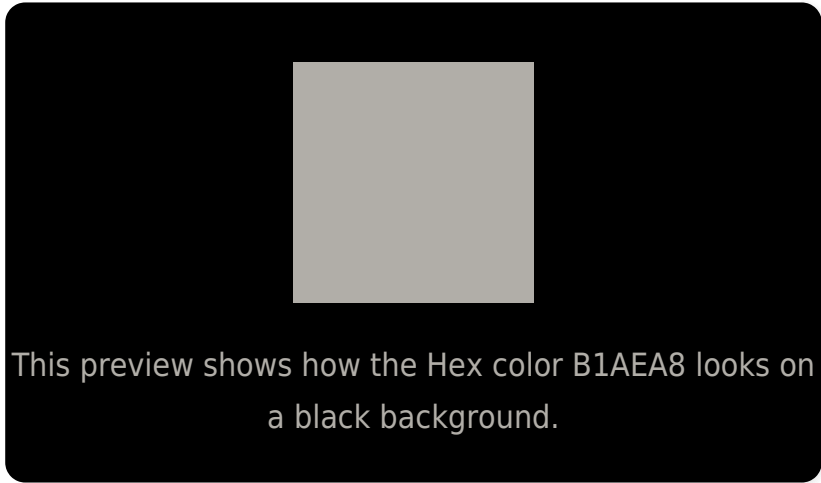
Large Text (above 18pt) WCAG AA × Fail

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

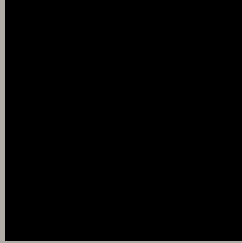
Any Text WCAG AA ✓ Pass

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 B1AEA8 Background



This preview shows how black text looks on a background with the Hex color B1AEA8.

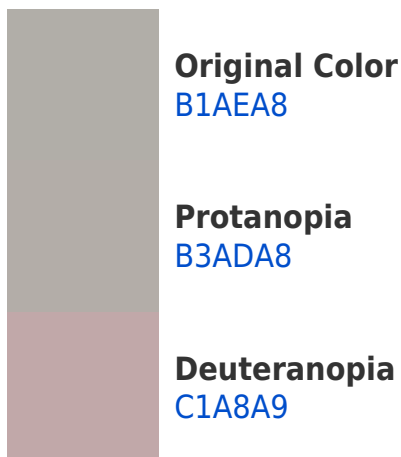


This preview shows how white text looks on a background with the Hex color B1AEA8.

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
B4ABB9

Trichromacy



Original Color
B1AEA8

Protanomaly
B2ADA8

Deuteranomaly
BBAAA9

Tritanomaly
B3ACB3

Monochromacy



Original Color
B1AEA8

Achromatopsia
AEAEAE

Achromatomaly
AFAEAC

CSS Examples

Text

The CSS property to change the color of the text to Hex B1AEA8 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 #B1AEA8 looks like.

```
.text, #text, p{  
    color:#B1AEA8  
}
```

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 #B1AEA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1AEA8  
}
```

Border

The CSS property to change the border of an element to Hex B1AEA8 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  
#B1AEA8 }
```

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

```
.border{ border-color:#B1AEA8 }
```

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

Here you see how a box with a 4 pixel #B1AEA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1AEA8; -webkit-box-shadow:4px 4px  
4px 4px #B1AEA8; box-shadow:4px 4px 4px  
4px #B1AEA8 }
```

Background

The CSS property to change the background color of an element to Hex B1AEA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1AEA8 }
```

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

```
.background{ background-color:#B1AEA8 }
```

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