

Converting Colors

Hex(B98EAA)

Have a look what the booklet for
Hex(B98EAA) contains.

Hex(B98EAA)	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(**B98EAA**)

Conversions

Conversions Part 1

Format	Color
Hex	B98EAA
RGB	185, 142, 170
RGB Percent	73%, 56%, 67%
CMY	0.2745, 0.4431, 0.3333
CMYK	0.00, 0.23, 0.08, 0.27
HSL	321°, 23%, 64%
HSV	321°, 23%, 73%
XYZ	36.9363, 32.5626, 42.3687
YIQ	158.0490, 16.6400, 17.8240

Conversions

Conversions Part 2

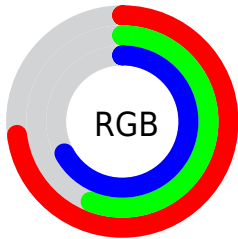
Format	Color
RYB	185, 142, 170
Decimal	12160682
CIELab	63.81, 20.89, -8.42
CIELCh	64, 22.518, 338.048
Yxy	32.5626, 0.3302, 0.2911
Android (android.graphics.Color)	4290350762 (0xFFB98EAA)
YUV	158.0490, 5.8918, 23.6360
Hunter-Lab	57.0636, 15.6786, -4.0772

Details

The Hex color **B98EAA** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **8EB99D**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **F1C4E1**, and **835B76** is the 20% darker color. If you saturate the color by 10%, you get **B97CA4**, and if you desaturate by 10%, it is **B9A1B0**.

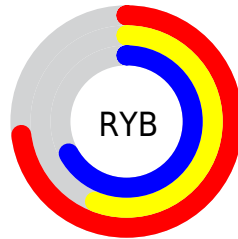
Distribution



Red (73%)

Green (56%)

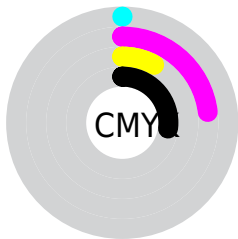
Blue (67%)



Red (73%)

Yellow (56%)

Blue (67%)

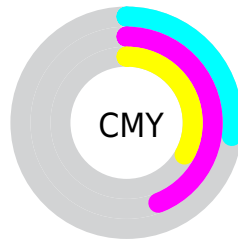


Cyan (0%)

Magenta (23%)

Yellow (8%)

Black (27%)



Cyan (27%)

Magenta (44%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color B98EAA 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 B98EAA by changing the saturation by 10% instead.

 B98EAA

 B98EAA

FFFFFF

 9E7490

 F1C4E1

 835B76

 FFE0FE

 6A435D

 FFFDFD

 512D46

 39172F

 24001B

 000000

 B98EAA

 B98EAA

 B97CA4

 B9A1B0

 B9699D

 B9B3B7

 B95697

 B9C5BD

 B94490

 B9D8C4

 B9328A

 B9EBCA

 B91F83

 B9FDD1

 B90C7D

 B9FFD7

 B90078

 B9FFDE

 B9FFE4

Harmonies

Analogous

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



A594BA



B98EAA



C38C96

Triad

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



B98EAA



A49B73



61A5B3

Complementary

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



B98EAA



8EB99D

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.



65A69F



B98EAA



8EA17B

Square

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



B98EAA



B69476



77A58B



6FA1BF

Rectangle

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



B98EAA



C38D89



77A58B



60A5AD

Sweetspot

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



B98EAA



F0DFEA



9C8EB9



786E75



F7F7F7



787878

Same Dimension

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



B98EAA



F0ADD8



B98E95



5C5359



9C0065



1C0012

Inverse Universe

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



B98EAA



F0ADD8



8EB9B2



5C5359



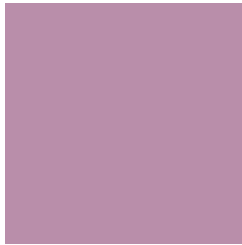
9C0065



1C0012

Previews

White Background



This preview shows how the Hex color B98EAA looks on a white background.

Color Contrast Check

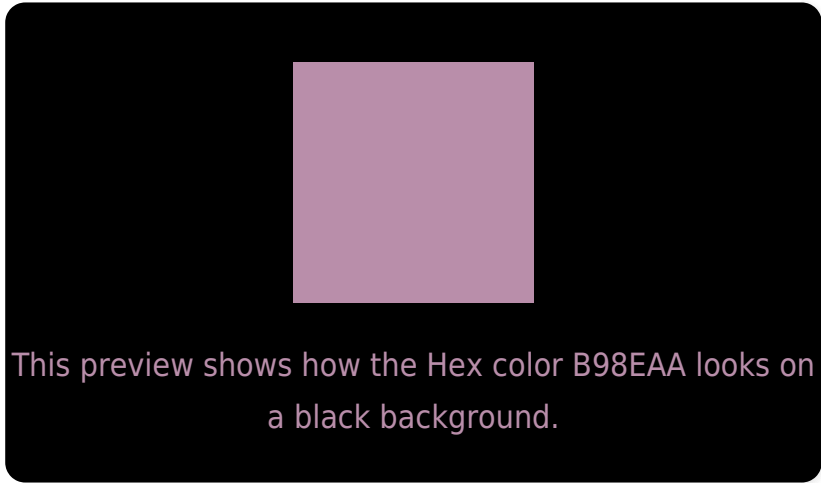
Large Text (above 18pt) WCAG AA × Fail

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

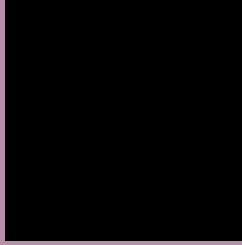
Any Text WCAG AA ✓ Pass

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 B98EAA Background



This preview shows how black text looks on a background with the Hex color B98EAA.

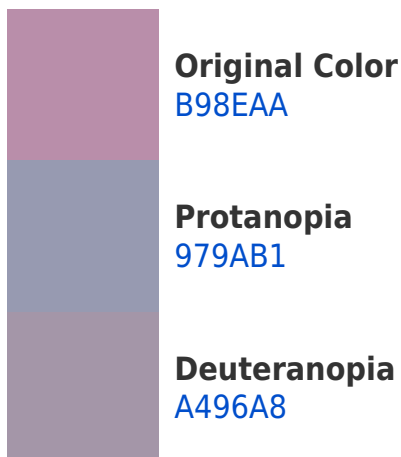


This preview shows how white text looks on a background with the Hex color B98EAA.

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
B7909C

Trichromacy



Original Color
B98EAA

Protanomaly
A396AE

Deuteranomaly
AC93A9

Tritanomaly
B88FA1

Monochromacy



Original Color
B98EAA

Achromatopsia
9E9E9E

Achromatomaly
A898A2

CSS Examples

Text

The CSS property to change the color of the text to Hex B98EAA 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 #B98EAA looks like.

```
.text, #text, p{  
    color:#B98EAA  
}
```

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 #B98EAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B98EAA
}
```

Border

The CSS property to change the border of an element to Hex B98EAA is called "border". The border property can be set on classes, ids or directly on the HTML element.

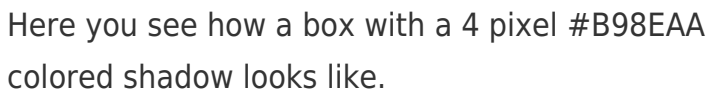
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B98EAA }
```

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

```
.border{ border-color:#B98EAA }
```

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



Here you see how a box with a 4 pixel #B98EAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B98EAA; -webkit-box-shadow:4px 4px  
4px 4px #B98EAA; box-shadow:4px 4px 4px  
4px #B98EAA }
```

Background

The CSS property to change the background color of an element to Hex B98EAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B98EAA }
```

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

```
.background{ background-color:#B98EAA }
```

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