

# Converting Colors

Hex(B398AA)

Have a look what the booklet for  
Hex(B398AA) contains.

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**Color**

**Hex(B398AA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B398AA
RGB	179, 152, 170
RGB Percent	70%, 60%, 67%
CMY	0.2980, 0.4039, 0.3333
CMYK	0.00, 0.15, 0.05, 0.30
HSL	320°, 15%, 65%
HSV	320°, 15%, 70%
XYZ	37.0743, 34.9425, 42.8207
YIQ	162.1250, 10.3140, 11.3220

# Conversions

## Conversions Part 2

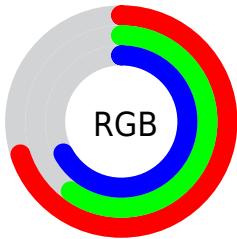
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">179, 152, 170</a>
Decimal	<a href="#">11770026</a>
CIELab	<a href="#">65.70, 13.16, -5.66</a>
CIELCh	<a href="#">66, 14.322, 336.714</a>
Yxy	<a href="#">34.9425, 0.3228, 0.3043</a>
Android (android.graphics.Color)	<a href="#">4289960106</a> ( <a href="#">0xFFB398AA</a> )
YUV	<a href="#">162.1250, 3.8824, 14.7994</a>
Hunter-Lab	<a href="#">59.1121, 8.5065, -1.5711</a>

# Details

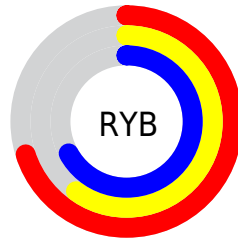
The Hex color **B398AA** is a light color, and the websafe version is hex **999999**. A complement of this color would be **98B3A1**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **EBCEE1**, and **7E6576** is the 20% darker color. If you saturate the color by 10%, you get **B386A4**, and if you desaturate by 10%, it is **B3AAB0**.

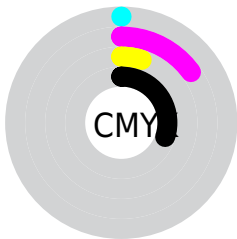
# Distribution



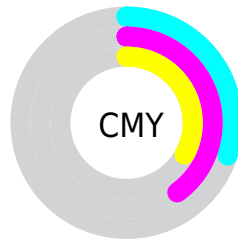
- Red (70%)
- Green (60%)
- Blue (67%)



- Red (70%)
- Yellow (60%)
- Blue (67%)



- Cyan (0%)
- Magenta (15%)
- Yellow (5%)
- Black (30%)



- Cyan (30%)
- Magenta (40%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B398AA 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 B398AA by changing the saturation by 10% instead.



 B398AA

 B398AA

FFFFFF

 987E90

 EBC EE1

 7E6576

 FFEBFE

 654D5D

 4D3646

 36202F

 200B1B

 000000

 B398AA

 B398AA

 B386A4

 B3AAB0

 B3749E

 B3BCB6

 B36298

 B3CEBC

 B35092

 B3E0C2

 B33F8C

 B3F2C8

 B32D86

 B3FFCE

 B31B80

 B3FFD4

 B3097A

 B3FFDA

 B30077

 B3FFE0

# Harmonies

## Analogous

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



A69BB4



B398AA



BA979D

# Triad

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



B398AA



A7A086



7FA6AE

# Complementary

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



B398AA



98B3A1

# 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.



80A7A2



B398AA



98A48B

# Square

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



B398AA



B39B88



8AA695



86A4B7

# Rectangle

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



B398AA



BB9795



8AA695



7EA7AB



# Sweetspot

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



B398AA



E8DCE4



A198B3



756E73



F5F5F5



757575



# Same Dimension

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



B398AA



E8BEDA



B3989D



595056



990066



1A0011



# Inverse Universe

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



B398AA



E8BEDA



98B3AE



595056



990066

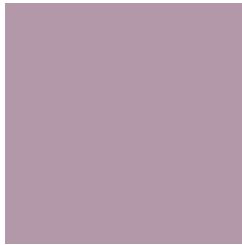


1A0011



# Previews

## White Background



This preview shows how the Hex color B398AA looks on a white background.

## Color Contrast Check

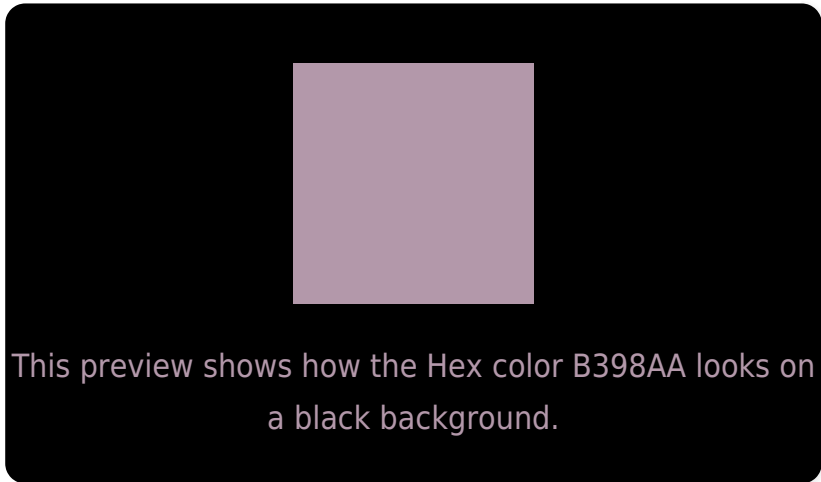
Large Text (above 18pt) WCAG AA × Fail

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

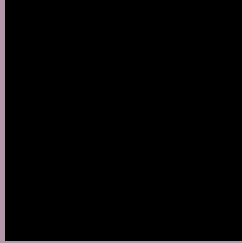
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B398AA Background



This preview shows how black text looks on a background with the Hex color B398AA.



This preview shows how white text looks on a background with the Hex color B398AA.

# 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



**Original Color**  
B398AA

**Protanopia**  
9E9FAE

**Deuteranopia**  
AB9BA9



**Tritanopia**  
B299A5

# Trichromacy



**Original Color**  
B398AA

**Protanomaly**  
A69CAD

**Deuteranomaly**  
AE9AA9

**Tritanomaly**  
B299A7

# Monochromacy



**Original Color**  
B398AA

**Achromatopsia**  
A2A2A2

**Achromatomaly**  
A89EA5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B398AA 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 #B398AA looks like.

```
.text, #text, p{  
    color:#B398AA  
}
```

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 #B398AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B398AA
}
```

## Border

The CSS property to change the border of an element to Hex B398AA is called "border". The border property can be set on classes, ids or directly on the HTML element.

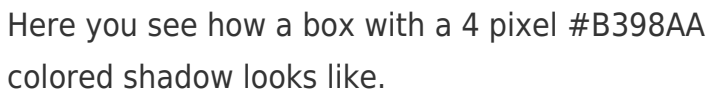
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B398AA }
```

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

```
.border{ border-color:#B398AA }
```

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



Here you see how a box with a 4 pixel #B398AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B398AA; -webkit-box-shadow:4px 4px  
4px 4px #B398AA; box-shadow:4px 4px 4px  
4px #B398AA }
```

# Background

The CSS property to change the background color of an element to Hex B398AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B398AA }
```

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

```
.background{ background-color:#B398AA }
```

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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