

# Converting Colors

Hex(AAB3BB)

Have a look what the booklet for  
Hex(AAB3BB) contains.

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# **Color**

**Hex(AAB3BB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AAB3BB
RGB	170, 179, 187
RGB Percent	67%, 70%, 73%
CMY	0.3333, 0.2980, 0.2667
CMYK	0.09, 0.04, 0.00, 0.27
HSL	208°, 11%, 70%
HSV	208°, 9%, 73%
XYZ	41.6673, 44.3741, 53.3827
YIQ	177.2210, -7.9320, 0.5800

# Conversions

## Conversions Part 2

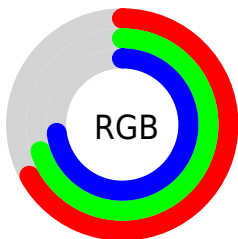
<b>Format</b>	<b>Color</b>
<b>RYB</b>	170, 176, 187
Decimal	11187131
CIELab	72.48, -1.54, -5.16
CIELCh	72, 5.381, 253.368
Yxy	44.3741, 0.2989, 0.3183
Android (android.graphics.Color)	4289377211 (0xFFAAB3BB)
YUV	177.2210, 4.8210, -6.3328
Hunter-Lab	66.6139, -4.9217, -0.8838

# Details

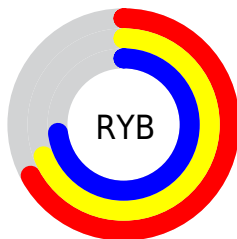
The Hex color **AAB3BB** is a light color, and the websafe version is hex **999999**. A complement of this color would be **BBB2AA**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **E1EBF3**, and **767E86** is the 20% darker color. If you saturate the color by 10%, you get **97AABB**, and if you desaturate by 10%, it is **BDBCBB**.

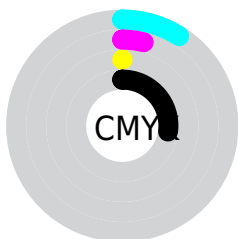
# Distribution



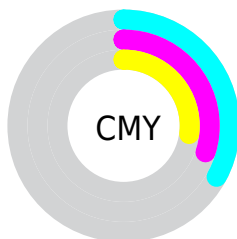
- Red (67%)
- Green (70%)
- Blue (73%)



- Red (67%)
- Yellow (69%)
- Blue (73%)



- Cyan (9%)
- Magenta (4%)
- Yellow (0%)
- Black (27%)



- Cyan (33%)
- Magenta (30%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AAB3BB 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 AAB3BB by changing the saturation by 10% instead.



■ AAB3BB

■ AAB3BB

FFFFFF

■ 8F98A0

■ E1EBF3

■ 767E86

FEFFFF

■ 5D656D

■ 454D54

■ 2F373D

■ 1A2127

■ 000B13

■ 000000

■ AAB3BB

■ AAB3BB

97AABB

BDBCBB

85A1BB

CFC5BB

7299BB

E2CDBB

5F90BB

F5D6BB

4C87BB

FFDFBB

3A7EBB

FFE8BB

2775BB

FFF1BB

146DBB

FFF9BB

0264BB

FFFFBB

# Harmonies

## Analogous

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



A7B4B8



AAB3BB



B0B1BB

# Triad

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



AAB3BB



BDAFB0



AEB4AB

# Complementary

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



AAB3BB



BBB2AA

# 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.



B4B2A8



AAB3BB



BCAFAB

# Square

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



AAB3BB



BAAF5



B9B0A8



A9B5AF

# Rectangle

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



AAB3BB



B4B0BA



B9B0A8



B0B3A9

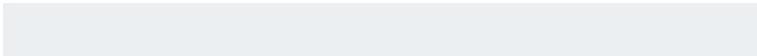


# Sweetspot

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



AAB3BB



EBEFF2



AABBB2



76787A



FAFAFA



7A7A7A



# Same Dimension

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



AAB3BB



D8E6F2



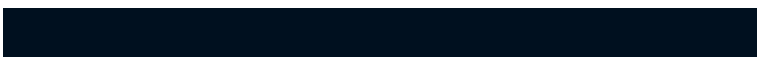
AAABBB



555A5E



00549E



00101F



# Inverse Universe

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



BBAAB3



F2D8E6



BBBAAA



5E555A



9E0054

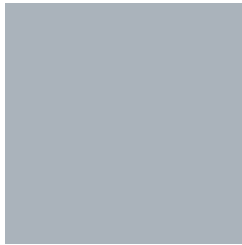


1F0010



# Previews

## White Background



This preview shows how the Hex color AAB3BB looks on a white background.

## Color Contrast Check

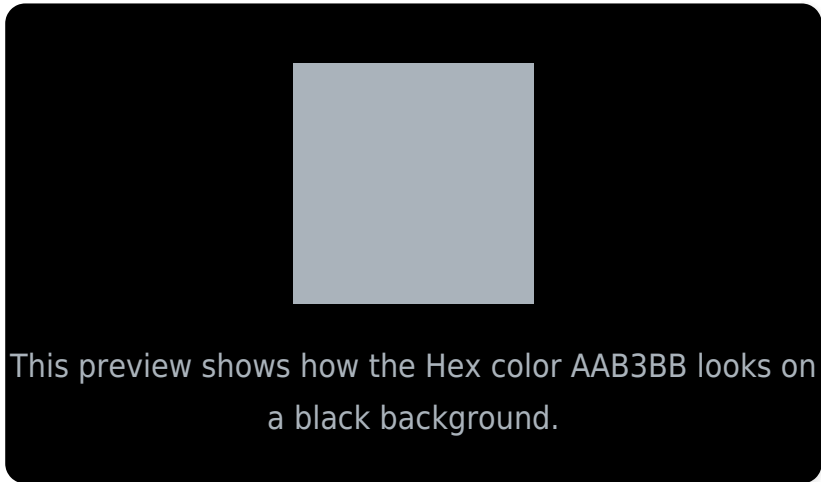
Large Text (above 18pt) WCAG AA × Fail

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

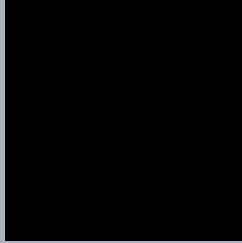
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

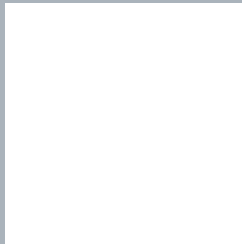
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex AAB3BB Background



This preview shows how black text looks on a background with the Hex color AAB3BB.

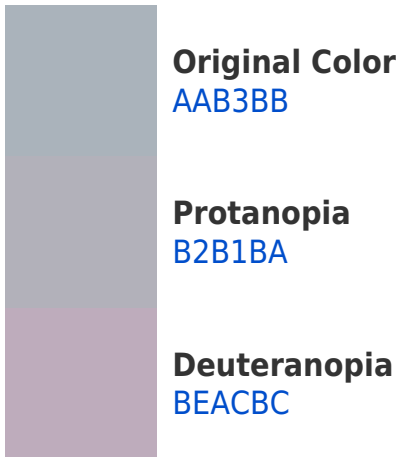


This preview shows how white text looks on a background with the Hex color AAB3BB.

# 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





# Trichromacy



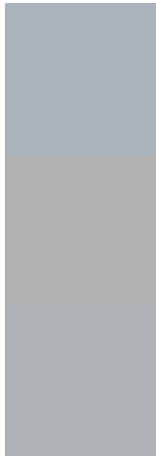
**Original Color**  
AAB3BB

**Protanomaly**  
AFB2BA

**Deuteranomaly**  
B7AFBC

**Tritanomaly**  
ABB2BE

# Monochromacy



**Original Color**  
AAB3BB

**Achromatopsia**  
B1B1B1

**Achromatomaly**  
AEB2B5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AAB3BB 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 #AAB3BB looks like.

```
.text, #text, p{  
    color:#AAB3BB  
}
```

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 #AAB3BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AAB3BB  
}
```

## Border

The CSS property to change the border of an element to Hex AAB3BB 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  
#AAB3BB }
```

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

```
.border{ border-color:#AAB3BB }
```

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

Here you see how a box with a 4 pixel #AAB3BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAB3BB; -webkit-box-shadow:4px 4px  
4px 4px #AAB3BB; box-shadow:4px 4px 4px  
4px #AAB3BB }
```

# Background

The CSS property to change the background color of an element to Hex AAB3BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AAB3BB }
```

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

```
.background{ background-color:#AAB3BB }
```

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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