

# Converting Colors

Hex(AAB6BB)

Have a look what the booklet for  
Hex(AAB6BB) contains.

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# **Color**

**Hex(AAB6BB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AAB6BB
RGB	170, 182, 187
RGB Percent	67%, 71%, 73%
CMY	0.3333, 0.2863, 0.2667
CMYK	0.09, 0.03, 0.00, 0.27
HSL	198°, 11%, 70%
HSV	198°, 9%, 73%
XYZ	42.2752, 45.5898, 53.5853
YIQ	178.9820, -8.7570, -0.9890

# Conversions

## Conversions Part 2

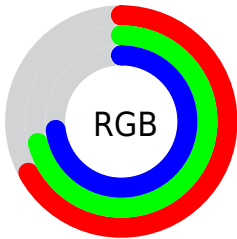
<b>Format</b>	<b>Color</b>
<b>RYB</b>	170, 177, 187
Decimal	11187899
CIELab	73.28, -3.15, -3.97
CIELCh	73, 5.074, 231.573
Yxy	45.5898, 0.2989, 0.3223
Android (android.graphics.Color)	4289377979 (0xFFAAB6BB)
YUV	178.9820, 3.9529, -7.8772
Hunter-Lab	67.5202, -6.3996, 0.2105

# Details

The Hex color **AAB6BB** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **BBAFAA**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **E1EEF3**, and **768186** is the 20% darker color. If you saturate the color by 10%, you get **97B1BB**, and if you desaturate by 10%, it is **BDBBBB**.

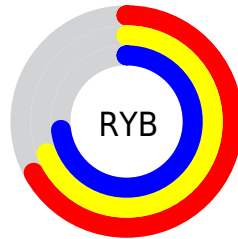
# Distribution



Red (67%)

Green (71%)

Blue (73%)



Red (67%)

Yellow (69%)

Blue (73%)

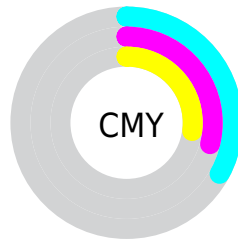


Cyan (9%)

Magenta (3%)

Yellow (0%)

Black (27%)



Cyan (33%)

Magenta (29%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AAB6BB 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 AAB6BB by changing the saturation by 10% instead.



■ AAB6BB

■ AAB6BB

FFFFFF

■ 8F9BA0

■ E1EEF3

■ 768186

FEFFFF

■ 5D686D

■ 455054

■ 2F393D

■ 1A2427

■ 000E13

■ 000000

■ AAB6BB

■ AAB6BB

97B1BB

BDBBBB

85ABBB

CFC1BB

72A6BB

E2C6BB

5FA0BB

F5CCBB

4C9BBB

FFD1BB

3A95BB

FFD7BB

2790BB

FFDCBB

148ABB

FFE2BB

0285BB

FFE7BB

# Harmonies

## Analogous

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



A9B7B7



AAB6BB



AEB5BD

# Triad

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



AAB6BB



BDB1B5



B4B5AB

# Complementary

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



AAB6BB



BBAFAA

# 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.



**B9B3AB**



**AAB6BB**



**BEB1B1**

# Square

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



AAB6BB



B9B2BA



BDB2AD



AFB6AE

# Rectangle

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



AAB6BB



B1B4BD



BDB2AD



B6B4AB



# Sweetspot

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



AAB6BB



EBF0F2



AABB AF



76797A



FAFAFA



7A7A7A



# Same Dimension

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



AAB6BB



D8EAF2



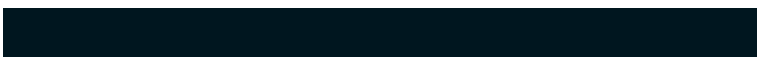
AAAEBB



555C5E



00709E



00161F



# Inverse Universe

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



BBAAB6



F2D8EA



BBB7AA



5E555C



9E0070

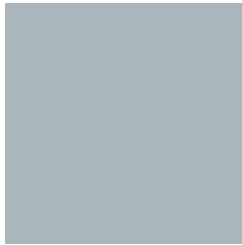


1F0016



# Previews

## White Background



This preview shows how the Hex color AAB6BB looks on a white background.

## Color Contrast Check

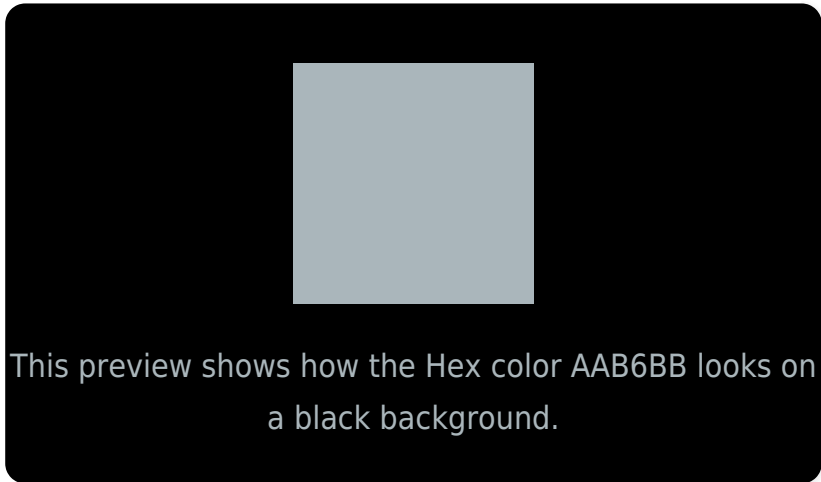
Large Text (above 18pt) WCAG AA × Fail

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

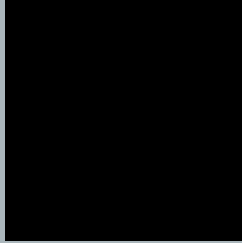
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

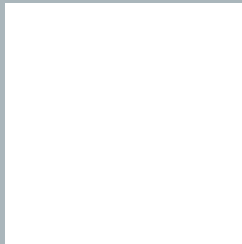
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex AAB6BB Background



This preview shows how black text looks on a background with the Hex color AAB6BB.

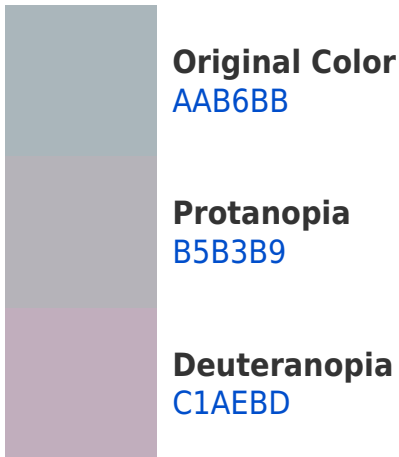


This preview shows how white text looks on a background with the Hex color AAB6BB.

# 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**

AAB6BB

**Protanomaly**

B1B4BA

**Deuteranomaly**

B9B1BC

**Tritanomaly**

ABB5C0

# Monochromacy



**Original Color**

AAB6BB

**Achromatopsia**

B3B3B3

**Achromatomaly**

B0B4B6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AAB6BB 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 #AAB6BB looks like.

```
.text, #text, p{  
    color:#AAB6BB  
}
```

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 #AAB6BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AAB6BB  
}
```

## Border

The CSS property to change the border of an element to Hex AAB6BB 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  
#AAB6BB }
```

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

```
.border{ border-color:#AAB6BB }
```

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

Here you see how a box with a 4 pixel #AAB6BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAB6BB; -webkit-box-shadow:4px 4px  
4px 4px #AAB6BB; box-shadow:4px 4px 4px  
4px #AAB6BB }
```

# Background

The CSS property to change the background color of an element to Hex AAB6BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AAB6BB }
```

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

```
.background{ background-color:#AAB6BB }
```

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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