

# Converting Colors

Hex(AAB7B0)

Have a look what the booklet for  
Hex(AAB7B0) contains.

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# **Color**

**Hex(AAB7B0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AAB7B0
RGB	170, 183, 176
RGB Percent	67%, 72%, 69%
CMY	0.3333, 0.2824, 0.3098
CMYK	0.07, 0.00, 0.04, 0.28
HSL	148°, 8%, 69%
HSV	148°, 7%, 72%
XYZ	41.3475, 45.5476, 47.6866
YIQ	178.3150, -5.5010, -4.9330

# Conversions

## Conversions Part 2

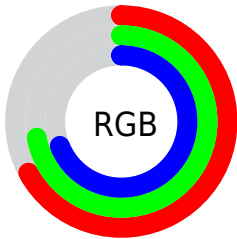
<b>Format</b>	<b>Color</b>
<b>RYB</b>	170, 179, 183
Decimal	11188144
CIELab	73.25, -5.85, 2.00
CIElCh	73, 6.179, 161.133
Yxy	45.5476, 0.3072, 0.3384
Android (android.graphics.Color)	4289378224 (0xFFAAB7B0)
YUV	178.3150, -1.1413, -7.2923
Hunter-Lab	67.4890, -8.7466, 5.3489

# Details

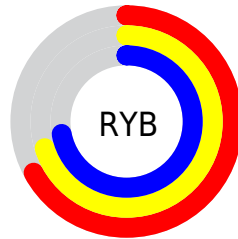
The Hex color **AAB7B0** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **B7AAB1**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **E1EFE8**, and **76827C** is the 20% darker color. If you saturate the color by 10%, you get **98B7A6**, and if you desaturate by 10%, it is **BCB7BA**.

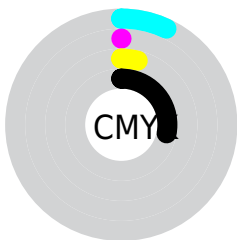
# Distribution



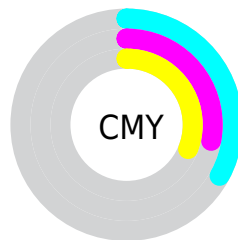
- Red (67%)
- Green (72%)
- Blue (69%)



- Red (67%)
- Yellow (70%)
- Blue (72%)



- Cyan (7%)
- Magenta (0%)
- Yellow (4%)
- Black (28%)



- Cyan (33%)
- Magenta (28%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AAB7B0 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 AAB7B0 by changing the saturation by 10% instead.



 AAB7B0

 AAB7B0

FFFFFF

 909C95

 E1EFE8

 76827C

FEFFFF

 5D6963

 46514B

 2F3A34

 1A241F

 000F07

 000000

 AAB7B0

 AAB7B0

98B7A6

BCB7BA

85B79C

CFB7C4

73B792

E1B7CE

61B789

F3B7D7

4EB77F

FFB7E1

3CB775

FFB7EB

2AB76B

FFB7F5

18B761

FFB7FF

05B757

# Harmonies

## Analogous

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



B0B6AB



AAB7B0



A7B7B6

# Triad

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



AAB7B0



B1B4BF



COB1AD

# Complementary

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



AAB7B0



B7AAB1

# 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.



C0B0B2



AAB7B0



B8B2BC

# Square

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



AAB7B0



AAB5BE



BDB1B8



BCB2A9

# Rectangle

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



AAB7B0



A6B7B9



BDB1B8



C0B0AE



# Sweetspot

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



AAB7B0



E8EDEB



B1B7AA



757877



F7F7F7



787878

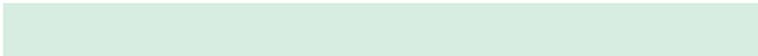


# Same Dimension

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



AAB7B0



D8EDE2



AAB7B6



535C57



009C48



001C0D



# Inverse Universe

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



B7AAB1



EDD8E3



B7AAAB



5C5358



9C0054

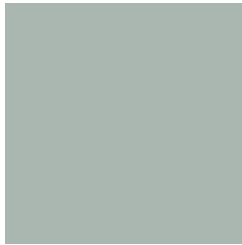


1C000F



# Previews

## White Background



This preview shows how the Hex color AAB7B0 looks on a white background.

## Color Contrast Check

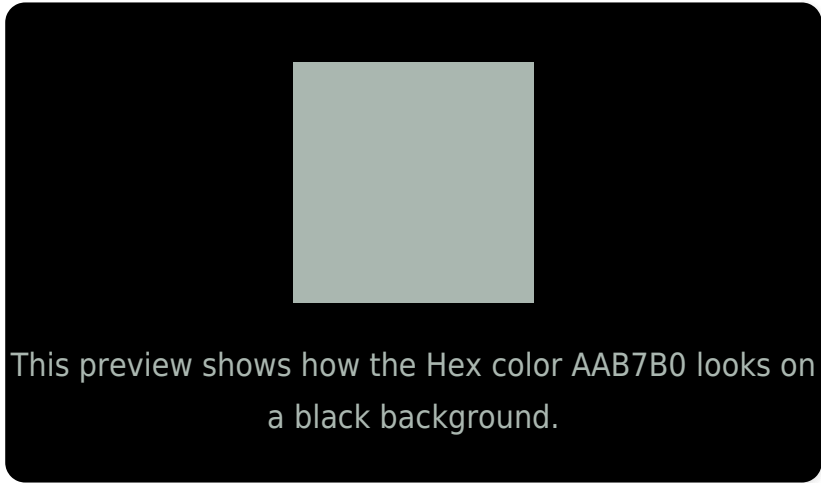
Large Text (above 18pt) WCAG AA × Fail

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

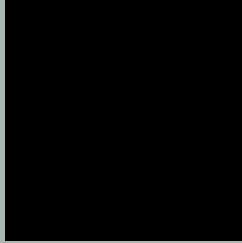
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

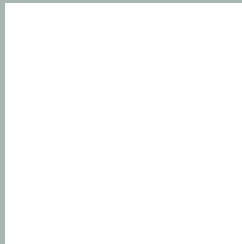
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex AAB7B0 Background



This preview shows how black text looks on a background with the Hex color AAB7B0.

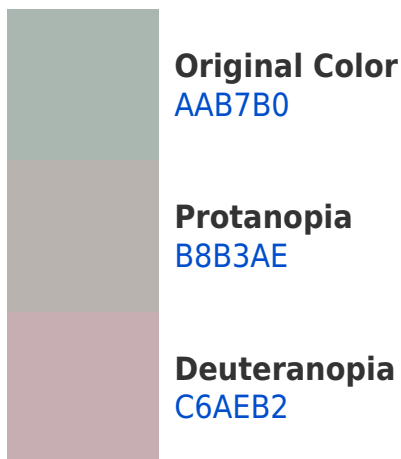


This preview shows how white text looks on a background with the Hex color AAB7B0.

# Color Blindness Simulation

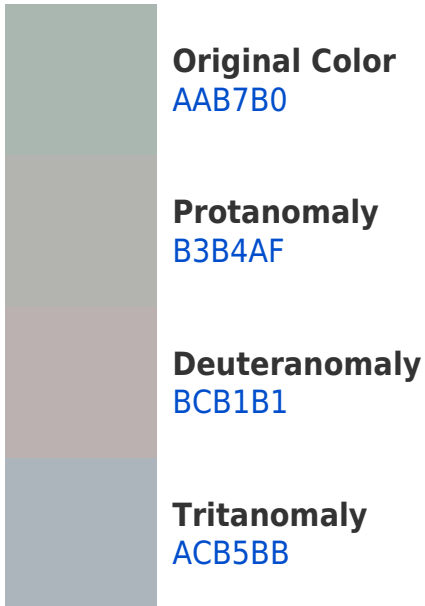
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

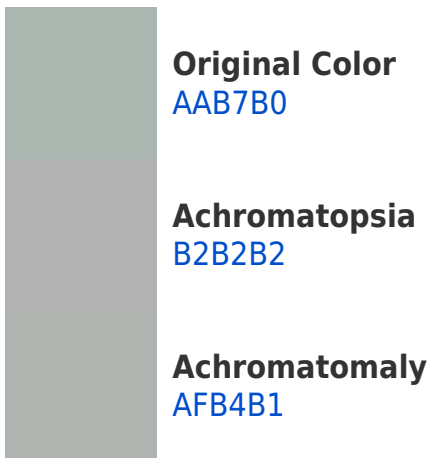




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AAB7B0 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 #AAB7B0 looks like.

```
.text, #text, p{  
    color:#AAB7B0  
}
```

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 #AAB7B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AAB7B0
}
```

## Border

The CSS property to change the border of an element to Hex AAB7B0 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
#AAB7B0 }
```

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

```
.border{ border-color:#AAB7B0 }
```

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

Here you see how a box with a 4 pixel #AAB7B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAB7B0; -webkit-box-shadow:4px 4px  
4px 4px #AAB7B0; box-shadow:4px 4px 4px  
4px #AAB7B0 }
```

# Background

The CSS property to change the background color of an element to Hex AAB7B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AAB7B0 }
```

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

```
.background{ background-color:#AAB7B0 }
```

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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