

# Converting Colors

Hex(A7B1CB)

Have a look what the booklet for  
Hex(A7B1CB) contains.

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# Color

**Hex(A7B1CB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A7B1CB
RGB	167, 177, 203
RGB Percent	65%, 69%, 80%
CMY	0.3451, 0.3059, 0.2039
CMYK	0.18, 0.13, 0.00, 0.20
HSL	223°, 26%, 73%
HSV	223°, 18%, 80%
XYZ	42.4380, 43.9716, 62.7506
YIQ	176.9740, -14.3060, 5.9660

# Conversions

## Conversions Part 2

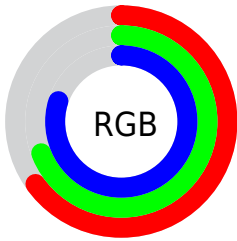
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	167, 175, 203
Decimal	10990027
CIE Lab	72.21, 1.94, -14.35
CIE LCh	72, 14.482, 277.714
Yxy	43.9716, 0.2845, 0.2948
Android (android.graphics.Color)	4289180107 (0xFFA7B1CB)
YUV	176.9740, 12.8308, -8.7472
Hunter-Lab	66.3111, -1.8073, -9.6887

# Details

The Hex color **A7B1CB** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **CBC1A7**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **DEE9FF**, and **737D95** is the 20% darker color. If you saturate the color by 10%, you get **93A2CB**, and if you desaturate by 10%, it is **BBC0CB**.

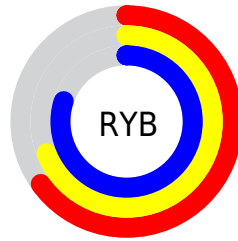
# Distribution



Red (65%)

Green (69%)

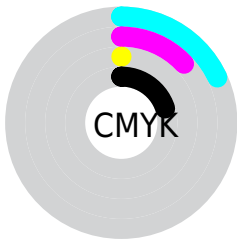
Blue (80%)



Red (65%)

Yellow (69%)

Blue (80%)

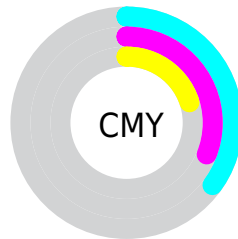


Cyan (18%)

Magenta (13%)

Yellow (0%)

Black (20%)



Cyan (35%)

Magenta (31%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A7B1CB 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 A7B1CB by changing the saturation by 10% instead.



 A7B1CB

 A7B1CB

FFFFFF

 8C96B0

 DEE9FF

 737D95

 FBFFFF

 5A647B

 424C62

 2B354A

 152034

 00081F

 000002

 000000

 A7B1CB

 A7B1CB

 93A2CB

 BBC0CB

 7E94CB

 D0CECB

 6A85CB

 E4DDCB

 5676CB

 F8ECCB

 4268CB

 FFFACB

 2D59CB

 FFFFCB

 194ACB

 053CCB

 0038CB

# Harmonies

## Analogous

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



98B5C9



A7B1CB



B8ADC6

# Triad

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



A7B1CB



CCA9A1



9BB8A7

# Complementary

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



A7B1CB



CBC1A7

# 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.



A9B59C



A7B1CB



C5AD99

# Square

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



A7B1CB



CDA8AE



B8B197



91B9B4

# Rectangle

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



A7B1CB



C2AABF



B8B197



9FB7A3



# Sweetspot

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



A7B1CB



F2F6FF



A7CBC1



787A80



000000



808080



# Same Dimension

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



A7B1CB



C9D8FF



AFA7CB



5C5F66



002EA6



000B26



# Inverse Universe

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



CBA7B1



FFC9D8



C3CBA7



665C5F



A6002E

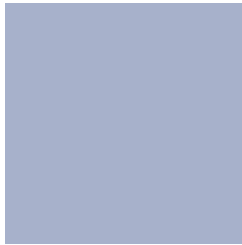


26000B



# Previews

## White Background



This preview shows how the Hex color A7B1CB looks on a white background.

## Color Contrast Check

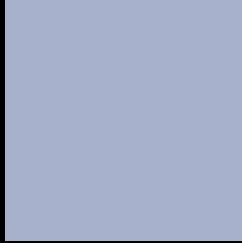
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color A7B1CB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

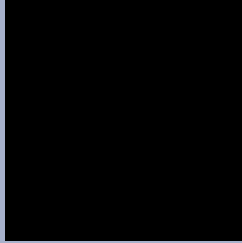
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A7B1CB Background



This preview shows how black text looks on a background with the Hex color A7B1CB.



This preview shows how white text looks on a background with the Hex color A7B1CB.

# 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**  
A7B1CB

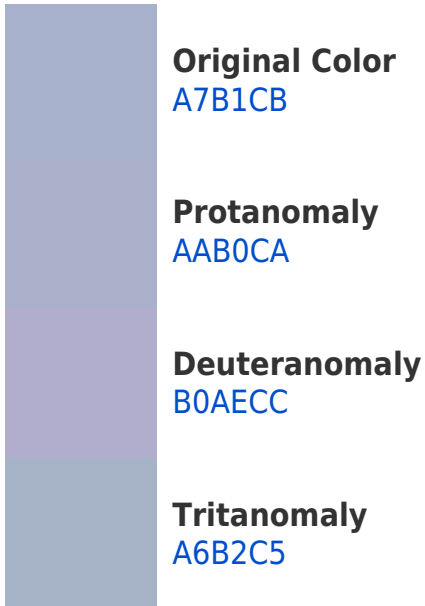
**Protanopia**  
ACAFCA

**Deuteranopia**  
B5ACCC

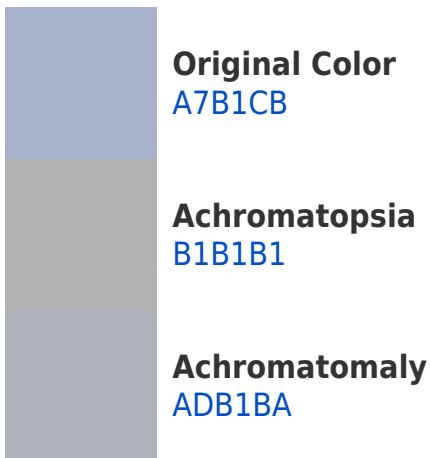


**Tritanopia**  
A5B3C1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A7B1CB 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 #A7B1CB looks like.

```
.text, #text, p{  
    color:#A7B1CB  
}
```

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 #A7B1CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7B1CB  
}
```

## Border

The CSS property to change the border of an element to Hex A7B1CB 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  
#A7B1CB }
```

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

```
.border{ border-color:#A7B1CB }
```

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

Here you see how a box with a 4 pixel #A7B1CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7B1CB; -webkit-box-shadow:4px 4px  
4px 4px #A7B1CB; box-shadow:4px 4px 4px  
4px #A7B1CB }
```

# Background

The CSS property to change the background color of an element to Hex A7B1CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7B1CB }
```

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

```
.background{ background-color:#A7B1CB }
```

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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