

# Converting Colors

Hex(A7B2CF)

Have a look what the booklet for  
Hex(A7B2CF) contains.

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# Color

Hex(A7B2CF)

# Conversions

## Conversions Part 1

Format	Color
Hex	A7B2CF
RGB	167, 178, 207
RGB Percent	65%, 70%, 81%
CMY	0.3451, 0.3020, 0.1882
CMYK	0.19, 0.14, 0.00, 0.19
HSL	224°, 29%, 73%
HSV	224°, 19%, 81%
XYZ	43.1192, 44.5613, 65.3600
YIQ	178.0170, -15.8650, 6.6870

# Conversions

## Conversions Part 2

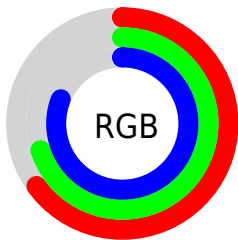
Format	Color
<a href="#">RYB</a>	<a href="#">167, 176, 207</a>
Decimal	<a href="#">10990287</a>
CIELab	<a href="#">72.60, 2.29, -15.95</a>
CIELCh	<a href="#">73, 16.113, 278.156</a>
Yxy	<a href="#">44.5613, 0.2818, 0.2912</a>
Android (android.graphics.Color)	<a href="#">4289180367</a> ( <a href="#">0xFFA7B2CF</a> )
YUV	<a href="#">178.0170, 14.2886, -9.6619</a>
Hunter-Lab	<a href="#">66.7542, -1.5196, -11.3237</a>

# Details

The Hex color **A7B2CF** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **CFC4A7**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **DEEAFB**, and **737D99** is the 20% darker color. If you saturate the color by 10%, you get **92A3CF**, and if you desaturate by 10%, it is **BCC1CF**.

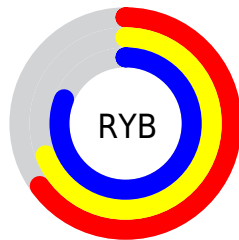
# Distribution



Red (65%)

Green (70%)

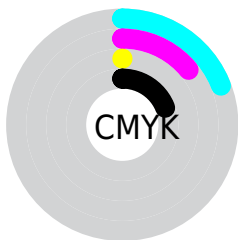
Blue (81%)



Red (65%)

Yellow (69%)

Blue (81%)

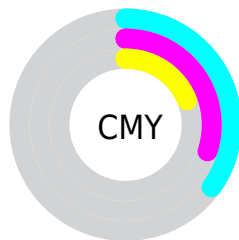


Cyan (19%)

Magenta (14%)

Yellow (0%)

Black (19%)



Cyan (35%)

Magenta (30%)

Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A7B2CF 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 A7B2CF by changing the saturation by 10% instead.



 A7B2CF

 A7B2CF

FFFFFF

 8C97B3

 DEEAFF

 737D99

 FBFFFF

 5A657F

 414D66

 2A364E

 142137

 000921

 000008

 000000

 A7B2CF

 A7B2CF

 92A3CF

 BCC1CF

 7E94CF

 D0D0CF

 6985CF

 E5DFCF

 5476CF

 FAEECF

 4067CF

 FFFDCF

 2B58CF

 FFFFCF

 1649CF

 013ACF

 0039CF

# Harmonies

## Analogous

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



96B7CD



A7B2CF



BAADC9

# Triad

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



A7B2CF



D0AAA1



99BAA7

# Complementary

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



A7B2CF



CFC4A7

# 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.



A9B79B



A7B2CF



C8AE97

# Square

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



A7B2CF



D1A8AE



BAB295



8EBB6

# Rectangle

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



A7B2CF



C5AAC2



BAB295



9EB9A2



# Sweetspot

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



A7B2CF



F0F4FF



A7CFC4



777980



000000



808080



# Same Dimension

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



A7B2CF



C4D4FF



B0A7CF



5E6169



002EA8



000B29



# Inverse Universe

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



CFA7B2



FFC4D4



C6CFA7



695E61



A8002E

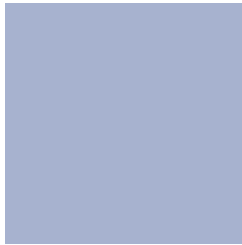


29000B



# Previews

## White Background



This preview shows how the Hex color A7B2CF looks on a white background.

## Color Contrast Check

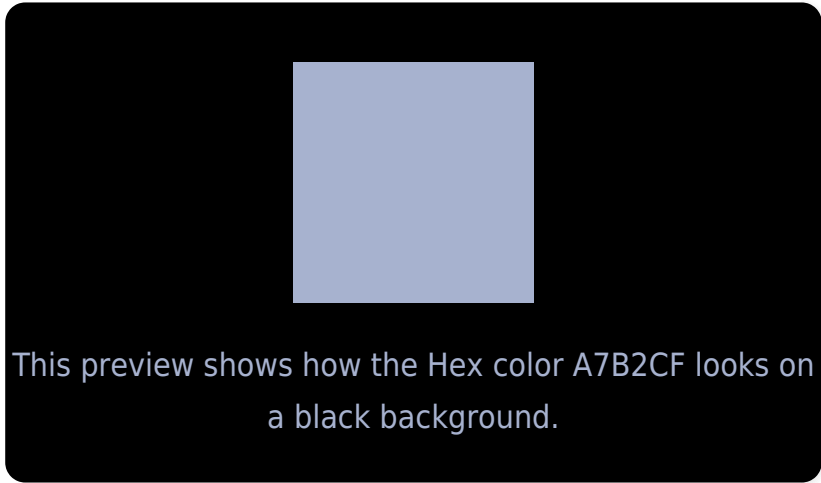
Large Text (above 18pt) WCAG AA × Fail

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

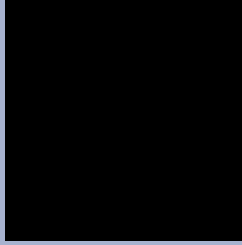
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A7B2CF Background



This preview shows how black text looks on a background with the Hex color A7B2CF.



This preview shows how white text looks on a background with the Hex color A7B2CF.

# 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**  
A7B2CF

**Protanopia**  
ADB0CE

**Deuteranopia**  
B5AED0



**Tritanopia**  
A5B4C2

# Trichromacy



**Original Color**  
A7B2CF

**Protanomaly**  
ABB1CE

**Deuteranomaly**  
B0AFD0

**Tritanomaly**  
A6B3C7

# Monochromacy



**Original Color**  
A7B2CF

**Achromatopsia**  
B2B2B2

**Achromatomaly**  
AEB2BD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A7B2CF 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 #A7B2CF looks like.

```
.text, #text, p{  
    color:#A7B2CF  
}
```

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 #A7B2CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7B2CF
}
```

## Border

The CSS property to change the border of an element to Hex A7B2CF 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
#A7B2CF }
```

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

```
.border{ border-color:#A7B2CF }
```

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

Here you see how a box with a 4 pixel #A7B2CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7B2CF; -webkit-box-shadow:4px 4px  
4px 4px #A7B2CF; box-shadow:4px 4px 4px  
4px #A7B2CF }
```

# Background

The CSS property to change the background color of an element to Hex A7B2CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7B2CF }
```

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

```
.background{ background-color:#A7B2CF }
```

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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