

# Converting Colors

Hex(AAB8DC)

Have a look what the booklet for  
Hex(AAB8DC) contains.

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# Color

**Hex(AAB8DC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AAB8DC
RGB	170, 184, 220
RGB Percent	67%, 72%, 86%
CMY	0.3333, 0.2784, 0.1373
CMYK	0.23, 0.16, 0.00, 0.14
HSL	223°, 42%, 76%
HSV	223°, 23%, 86%
XYZ	46.6363, 47.9943, 74.5160
YIQ	183.9180, -19.9000, 8.2280

# Conversions

## Conversions Part 2

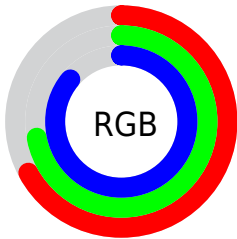
<b>Format</b>	<b>Color</b>
<b>RYB</b>	170, 181, 220
Decimal	11188444
CIELab	74.82, 2.89, -19.66
CIELCh	75, 19.872, 278.373
Yxy	47.9943, 0.2757, 0.2837
Android (android.graphics.Color)	4289378524 (0xFFAAB8DC)
YUV	183.9180, 17.7884, -12.2061
Hunter-Lab	69.2779, -1.0743, -15.2783

# Details

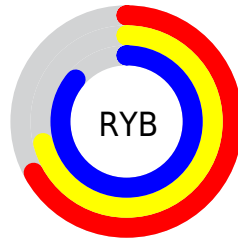
The Hex color **AAB8DC** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **DCCEAA**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **E2F0FF**, and **7583A5** is the 20% darker color. If you saturate the color by 10%, you get **94A8DC**, and if you desaturate by 10%, it is **C0C8DC**.

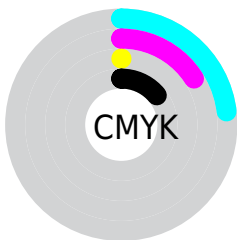
# Distribution



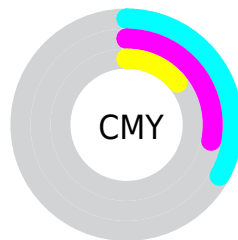
- Red (67%)
- Green (72%)
- Blue (86%)



- Red (67%)
- Yellow (71%)
- Blue (86%)



- Cyan (23%)
- Magenta (16%)
- Yellow (0%)
- Black (14%)



- Cyan (33%)
- Magenta (28%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AAB8DC 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 AAB8DC by changing the saturation by 10% instead.



■ AAB8DC

■ AAB8DC

FFFFFF

■ 8F9DC0

■ E2F0FF

■ 7583A5

■ 5C6A8B

■ 435271

■ 2B3B58

■ 132541

■ 00102B

■ 000116

■ 000000

 AAB8DC

 AAB8DC

 94A8DC

 C0C8DC

 7E98DC

 D6D8DC

 6888DC

 ECE8DC

 5279DC

 FFF7DC

 3C69DC

 FFFFDC

 2659DC

 1049DC

 003EDC

# Harmonies

## Analogous

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



94BEDA



AAB8DC



C2B2D5

# Triad

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



AAB8DC



DDADA2



98C2AA

# Complementary

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



AAB8DC



DCCEAA

# 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.



ACBE9B



AAB8DC



D2B297

# Square

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



AAB8DC



DEABB4



C1B994



8AC3BD

# Rectangle

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



AAB8DC



CFAECC



C1B994



9FC1A4



# Sweetspot

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



AAB8DC



EDF2FF



AADCCE



757880



000000



808080



# Same Dimension

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



AAB8DC



BACDFF



B5AADC



63666E



0031AD



000D2E



# Inverse Universe

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



DCAAB8



FFBACD



D1DCAA



6E6366



AD0031

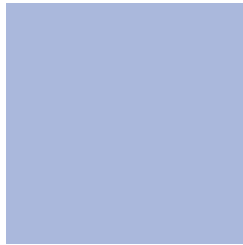


2E000D



# Previews

## White Background



This preview shows how the Hex color AAB8DC looks on a white background.

## Color Contrast Check

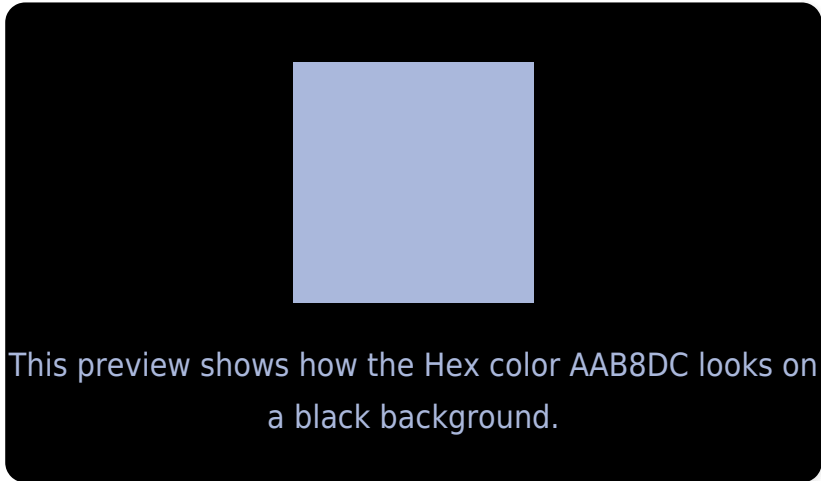
Large Text (above 18pt) WCAG AA × Fail

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

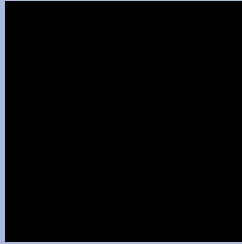
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AAB8DC Background



This preview shows how black text looks on a background with the Hex color AAB8DC.



This preview shows how white text looks on a background with the Hex color AAB8DC.

# 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**

AAB8DC

**Protanopia**

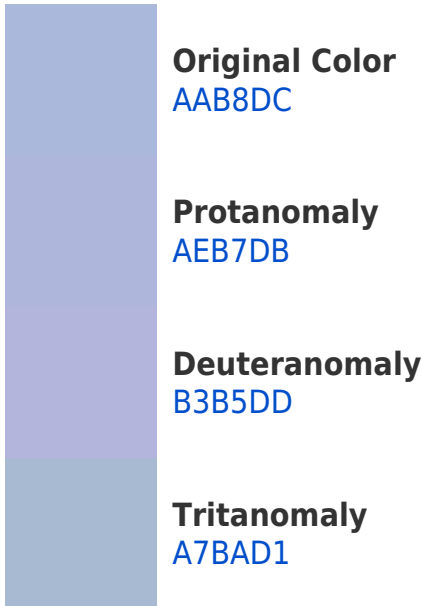
B0B6DB

**Deuteranopia**

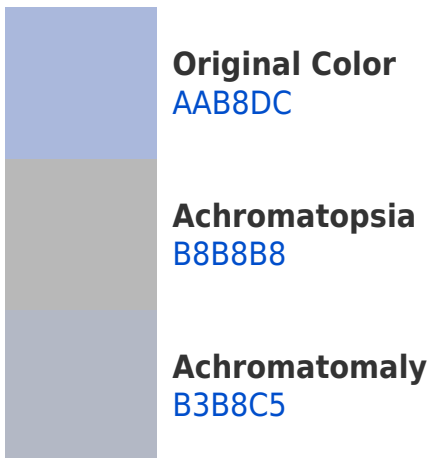
B8B4DD



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AAB8DC 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 #AAB8DC looks like.

```
.text, #text, p{  
    color:#AAB8DC  
}
```

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 #AAB8DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AAB8DC
}
```

## Border

The CSS property to change the border of an element to Hex AAB8DC 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
#AAB8DC }
```

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

```
.border{ border-color:#AAB8DC }
```

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

Here you see how a box with a 4 pixel #AAB8DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAB8DC; -webkit-box-shadow:4px 4px  
4px 4px #AAB8DC; box-shadow:4px 4px 4px  
4px #AAB8DC }
```

# Background

The CSS property to change the background color of an element to Hex AAB8DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AAB8DC }
```

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

```
.background{ background-color:#AAB8DC }
```

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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