

# Converting Colors

Hex(AA98CF)

Have a look what the booklet for  
Hex(AA98CF) contains.

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# **Color**

**Hex(AA98CF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AA98CF
RGB	170, 152, 207
RGB Percent	67%, 60%, 81%
CMY	0.3333, 0.4039, 0.1882
CMYK	0.18, 0.27, 0.00, 0.19
HSL	260°, 36%, 70%
HSV	260°, 27%, 81%
XYZ	39.0683, 35.5075, 63.8260
YIQ	163.6520, -6.9270, 20.9210

# Conversions

## Conversions Part 2

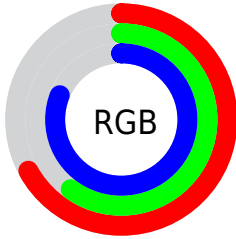
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	170, 152, 207
Decimal	11180239
CIE <sub>Lab</sub>	66.14, 17.70, -25.76
CIE <sub>LCh</sub>	66, 31.255, 304.499
Yxy	35.5075, 0.2823, 0.2566
Android (android.graphics.Color)	4289370319 (0xFFAA98CF)
YUV	163.6520, 21.3706, 5.5672
Hunter-Lab	59.5882, 12.7521, -21.7949

# Details

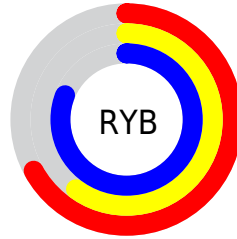
The Hex color **AA98CF** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **BDCF98**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **E2CEFF**, and **756598** is the 20% darker color. If you saturate the color by 10%, you get **9C83CF**, and if you desaturate by 10%, it is **B8ADCF**.

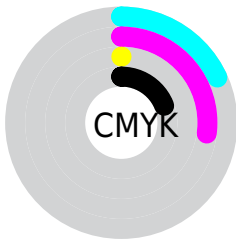
# Distribution



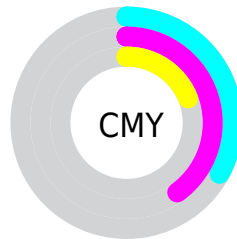
- Red (67%)
- Green (60%)
- Blue (81%)



- Red (67%)
- Yellow (60%)
- Blue (81%)



- Cyan (18%)
- Magenta (27%)
- Yellow (0%)
- Black (19%)



- Cyan (33%)
- Magenta (40%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AA98CF 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 AA98CF by changing the saturation by 10% instead.



■ AA98CF

■ AA98CF

FFFFFF

■ 8F7EB3

■ E2CEFF

■ 756598

■ FFE8FF

■ 5C4D7E

■ 433665

■ 2C214D

■ 150C36

■ 000120

■ 000005

■ 000000

■ AA98CF

■ AA98CF

■ 9C83CF

■ B8ADCF

■ 8E6FCF

■ C6C1CF

■ 805ACF

■ D4D6CF

■ 7245CF

■ E2EBCF

■ 6431CF

■ F0FFCF

■ 561CCF

■ FEFFCF

■ 4907CF

■ FFFF CF

■ 4400CF

# Harmonies

## Analogous

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



81A2D8



AA98CF



C88FB9

# Triad

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



AA98CF



C8976F



50B0A4

# Complementary

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



AA98CF



BDCF98

# 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.



71AE88



AA98CF



B0A069

# Square

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



AA98CF



D68F82



92A972



40AFC0

# Rectangle

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



AA98CF



D48CA7



92A972



5AB09A



# Sweetspot

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



AA98CF



F1EBFF



98BECF



777380



000000



808080



# Same Dimension

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



AA98CF



C8ADFF



C598CF



625E69



3700A8



0D0029



# Inverse Universe

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



CF98BD



FFADE4



A2CF98



695E65



A80071

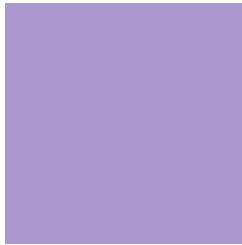


29001B



# Previews

## White Background



This preview shows how the Hex color AA98CF looks on a white background.

## Color Contrast Check

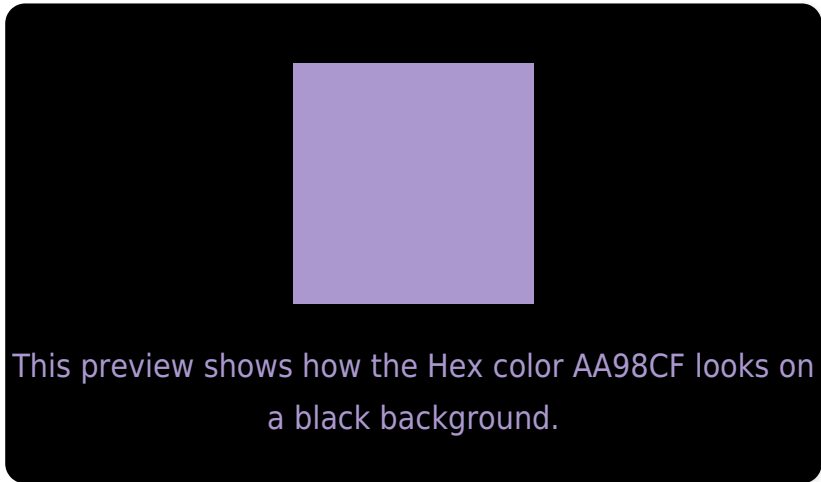
Large Text (above 18pt) WCAG AA × Fail

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

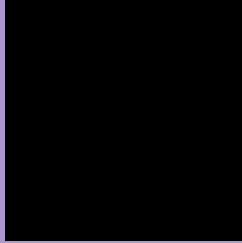
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AA98CF Background



This preview shows how black text looks on a background with the Hex color AA98CF.

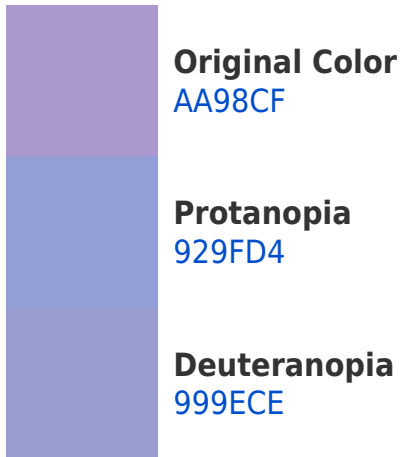


This preview shows how white text looks on a background with the Hex color AA98CF.

# 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](#).

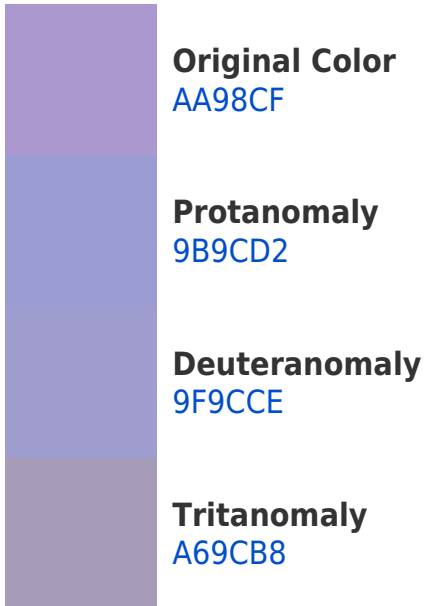
## Dichromacy



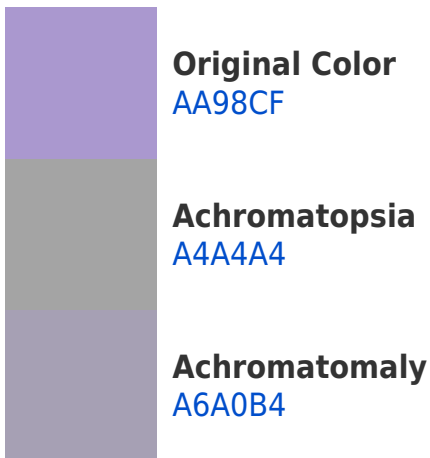


**Tritanopia**  
A49FAB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AA98CF 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 #AA98CF looks like.

```
.text, #text, p{  
    color:#AA98CF  
}
```

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 #AA98CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA98CF
}
```

## Border

The CSS property to change the border of an element to Hex AA98CF is called "border". The border property can be set on classes, ids or directly on the HTML element.

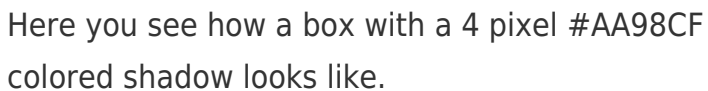
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AA98CF }
```

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

```
.border{ border-color:#AA98CF }
```

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



Here you see how a box with a 4 pixel #AA98CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA98CF; -webkit-box-shadow:4px 4px  
4px 4px #AA98CF; box-shadow:4px 4px 4px  
4px #AA98CF }
```

# Background

The CSS property to change the background color of an element to Hex AA98CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA98CF }
```

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

```
.background{ background-color:#AA98CF }
```

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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