

# Converting Colors

Hex(A89ABF)

Have a look what the booklet for  
Hex(A89ABF) contains.

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# **Color**

**Hex(A89ABF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A89ABF
RGB	168, 154, 191
RGB Percent	66%, 60%, 75%
CMY	0.3412, 0.3961, 0.2510
CMYK	0.12, 0.19, 0.00, 0.25
HSL	263°, 22%, 68%
HSV	263°, 19%, 75%
XYZ	37.1080, 35.1976, 54.1282
YIQ	162.4040, -3.5330, 14.4750

# Conversions

## Conversions Part 2

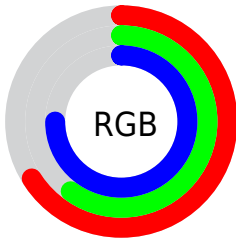
<b>Format</b>	<b>Color</b>
<b>RYB</b>	168, 154, 191
Decimal	11049663
CIELab	65.90, 12.41, -17.22
CIELCh	66, 21.230, 305.774
Yxy	35.1976, 0.2935, 0.2784
Android (android.graphics.Color)	4289239743 (0xFFA89ABF)
YUV	162.4040, 14.0978, 4.9077
Hunter-Lab	59.3276, 7.8243, -12.5646

# Details

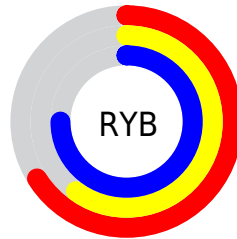
The Hex color **A89ABF** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **B1BF9A**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **DFD0F7**, and **74678A** is the 20% darker color. If you saturate the color by 10%, you get **9C87BF**, and if you desaturate by 10%, it is **B4ADBF**.

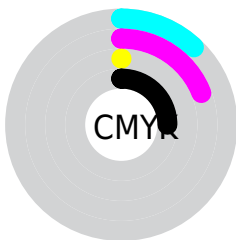
# Distribution



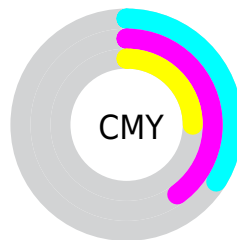
- Red (66%)
- Green (60%)
- Blue (75%)



- Red (66%)
- Yellow (60%)
- Blue (75%)



- Cyan (12%)
- Magenta (19%)
- Yellow (0%)
- Black (25%)



- Cyan (34%)
- Magenta (40%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A89ABF 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 A89ABF by changing the saturation by 10% instead.



 A89ABF

 A89ABF

FFFFFF

 8D80A4

 DFD0F7

 74678A

 FCEDFF

 5B4F70

 433858


 2C2240

 170E2A

 000115

 000000

 A89ABF

 A89ABF

9C87BF

B4ADBFB

9074BF

C0C0BF

8461BF

CCD3BF

794EBF

D7E6BF

6D3ABF

E3F9BF

6127BF

EFFFBF

5514BF

FBFFBF

4901BF

FFFFBF

4800BF

# Harmonies

## Analogous

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



8EA1C6



A89ABF



BC95B0

# Triad

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



A89ABF



BC9A7E



6FABA3

# Complementary

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



A89ABF



B1BF9A

# 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.



80AA90



A89ABF



ABA07A

# Square

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



A89ABF



C6958B



96A681



6BAAB6

# Rectangle

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



A89ABF



C493A4



96A681



74AB9D



# Sweetspot

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



A89ABF



EEE9F7



9AB1BF



78747D



FCFCFC



7D7D7D



# Same Dimension

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



A89ABF



D4BEF7



BA9ABF



58555E



3C009E



0C001F



# Inverse Universe

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



BF9AB1



F7BEE2



9FBF9A



5E555B



9E0062



1F0013



# Previews

## White Background



This preview shows how the Hex color A89ABF looks on a white background.

## Color Contrast Check

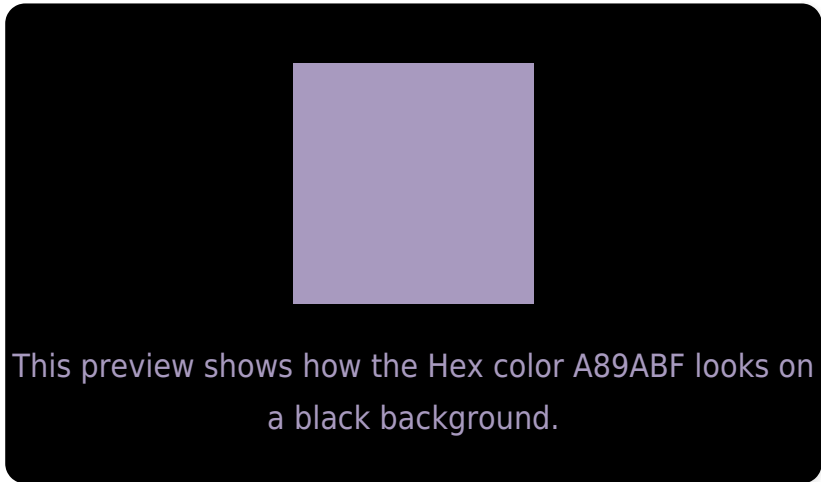
Large Text (above 18pt) WCAG AA × Fail

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

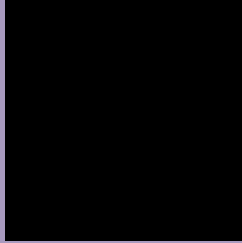
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A89ABF Background



This preview shows how black text looks on a background with the Hex color A89ABF.



This preview shows how white text looks on a background with the Hex color A89ABF.

# 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**  
A89ABF

**Protanopia**  
989FC2

**Deuteranopia**  
A19CBF



**Tritanopia**  
A59EAA

# Trichromacy



**Original Color**  
A89ABF

**Protanomaly**  
9E9DC1

**Deuteranomaly**  
A49BBF

**Tritanomaly**  
A69DB2

# Monochromacy



**Original Color**  
A89ABF

**Achromatopsia**  
A2A2A2

**Achromatomaly**  
A49FAD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A89ABF 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 #A89ABF looks like.

```
.text, #text, p{  
    color:#A89ABF  
}
```

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 #A89ABF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A89ABF
}
```

## Border

The CSS property to change the border of an element to Hex A89ABF 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
#A89ABF }
```

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

```
.border{ border-color:#A89ABF }
```

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

Here you see how a box with a 4 pixel #A89ABF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A89ABF; -webkit-box-shadow:4px 4px  
4px 4px #A89ABF; box-shadow:4px 4px 4px  
4px #A89ABF }
```

# Background

The CSS property to change the background color of an element to Hex A89ABF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A89ABF }
```

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

```
.background{ background-color:#A89ABF }
```

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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