

# Converting Colors

Hex(89A8BF)

Have a look what the booklet for  
Hex(89A8BF) contains.

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# **Color**

**Hex(89A8BF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	89A8BF
RGB	137, 168, 191
RGB Percent	54%, 66%, 75%
CMY	0.4627, 0.3412, 0.2510
CMYK	0.28, 0.12, 0.00, 0.25
HSL	206°, 30%, 64%
HSV	206°, 28%, 75%
XYZ	33.7231, 37.0852, 54.6710
YIQ	161.3530, -25.8590, 0.5810

# Conversions

## Conversions Part 2

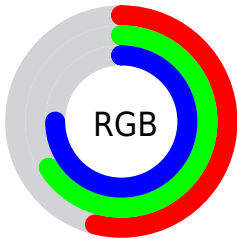
<b>Format</b>	<b>Color</b>
<b>RYB</b>	137, 157, 191
Decimal	9021631
CIELab	67.34, -5.26, -15.27
CIELCh	67, 16.151, 251.001
Yxy	37.0852, 0.2688, 0.2955
Android (android.graphics.Color)	4287211711 (0xFF89A8BF)
YUV	161.3530, 14.6160, -21.3576
Hunter-Lab	60.8976, -7.7234, -10.5994

# Details

The Hex color **89A8BF** is a light color, and the websafe version is hex **999999**. A complement of this color would be **BFA089**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **BFDF77**, and **55748A** is the 20% darker color. If you saturate the color by 10%, you get **76A0BF**, and if you desaturate by 10%, it is **9CB0BF**.

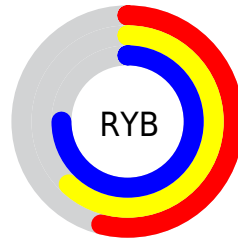
# Distribution



Red (54%)

Green (66%)

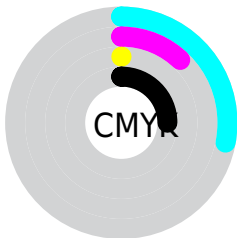
Blue (75%)



Red (54%)

Yellow (62%)

Blue (75%)

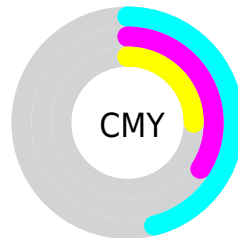


Cyan (28%)

Magenta (12%)

Yellow (0%)

Black (25%)



Cyan (46%)

Magenta (34%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 89A8BF 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 89A8BF by changing the saturation by 10% instead.



 89A8BF

 89A8BF

FFFFFF

 6F8EA4

 BFDFF7

 55748A

 DCFCFF

 3D5B70

 F8FFFF

 244458

 092E40

 00192A

 000116

 000000

 89A8BF

 89A8BF

76A0BF

9CB0BF

6398BF

AFB8BF

5090BF

C2C0BF

3D87BF

D5C9BF

2A7FBF

E9D1BF

1677BF

FCD9BF

036FBF

FFE1BF

006EBF

FFE9BF

FFF1BF

# Harmonies

## Analogous

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



7FABB6



89A8BF



9BA3C0

# Triad

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



89A8BF



C29A9F



99A98E

# Complementary

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



89A8BF



BFA089

# 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.



AAA587



89A8BF



C19C91

# Square

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



89A8BF



BB9BAE



B8A089



8AAC9A

# Rectangle

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



89A8BF



A7A0BD



B8A089



9FA88B

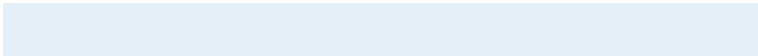


# Sweetspot

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



89A8BF



E4EFF7



89BFA0



70787D



FCFCFC



7D7D7D

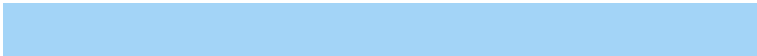


# Same Dimension

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



89A8BF



A3D4F7



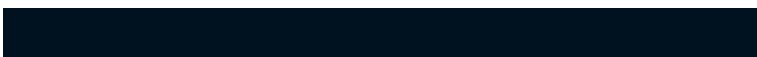
898DBF



555A5E



005B9E



00121F



# Inverse Universe

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



BF89A8



F7A3D4



BFBB89



5E555A



9E005B

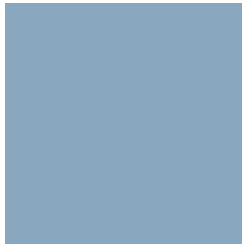


1F0012



# Previews

## White Background



This preview shows how the Hex color 89A8BF looks on a white background.

## Color Contrast Check

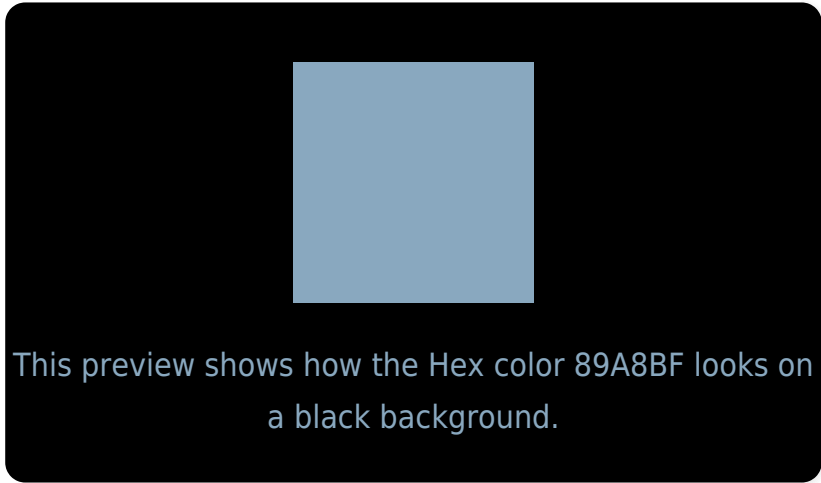
Large Text (above 18pt) WCAG AA × Fail

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

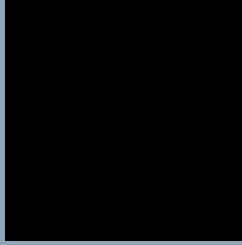
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

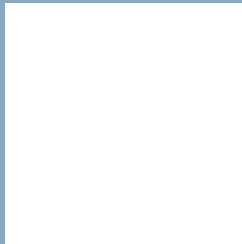
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 89A8BF Background



This preview shows how black text looks on a background with the Hex color 89A8BF.

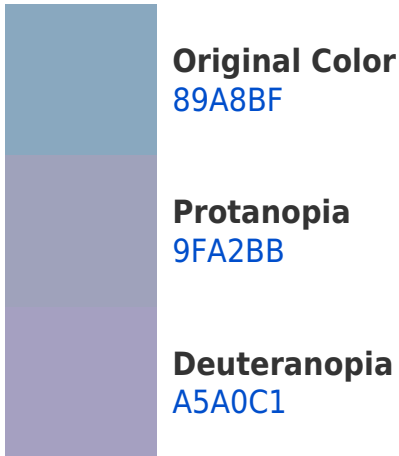


This preview shows how white text looks on a background with the Hex color 89A8BF.

# 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](#).

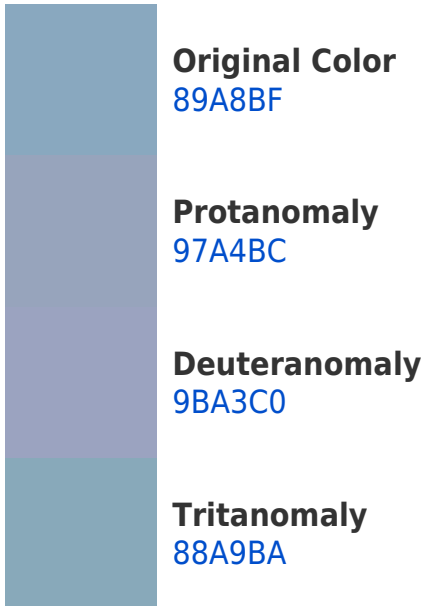
## Dichromacy



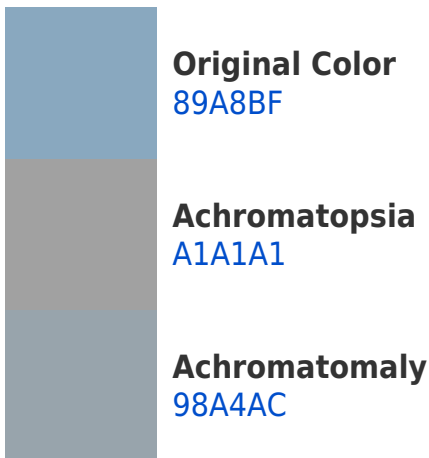


**Tritanopia**  
87A9B7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 89A8BF 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 #89A8BF looks like.

```
.text, #text, p{  
    color:#89A8BF  
}
```

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 #89A8BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89A8BF
}
```

## Border

The CSS property to change the border of an element to Hex 89A8BF 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
#89A8BF }
```

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

```
.border{ border-color:#89A8BF }
```

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

Here you see how a box with a 4 pixel #89A8BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89A8BF; -webkit-box-shadow:4px 4px  
4px 4px #89A8BF; box-shadow:4px 4px 4px  
4px #89A8BF }
```

# Background

The CSS property to change the background color of an element to Hex 89A8BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89A8BF }
```

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

```
.background{ background-color:#89A8BF }
```

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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