

# Converting Colors

Hex(89A6BD)

Have a look what the booklet for  
Hex(89A6BD) contains.

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# **Color**

**Hex(89A6BD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	89A6BD
RGB	137, 166, 189
RGB Percent	54%, 65%, 74%
CMY	0.4627, 0.3490, 0.2588
CMYK	0.28, 0.12, 0.00, 0.26
HSL	207°, 28%, 64%
HSV	207°, 28%, 74%
XYZ	33.1381, 36.2649, 53.3974
YIQ	159.9510, -24.6670, 1.0050

# Conversions

## Conversions Part 2

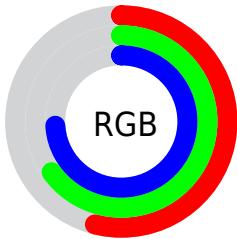
<b>Format</b>	<b>Color</b>
<b>RYB</b>	137, 156, 189
Decimal	9021117
CIELab	66.72, -4.65, -15.09
CIELCh	67, 15.794, 252.883
Yxy	36.2649, 0.2699, 0.2953
Android (android.graphics.Color)	4287211197 (0xFF89A6BD)
YUV	159.9510, 14.3212, -20.1280
Hunter-Lab	60.2204, -7.1607, -10.4182

# Details

The Hex color **89A6BD** is a light color, and the websafe version is hex **999999**. A complement of this color would be **BDA089**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **BFDDF5**, and **567288** is the 20% darker color. If you saturate the color by 10%, you get **769EBD**, and if you desaturate by 10%, it is **9CAEBD**.

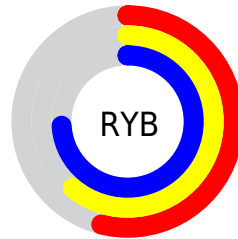
# Distribution



Red (54%)

Green (65%)

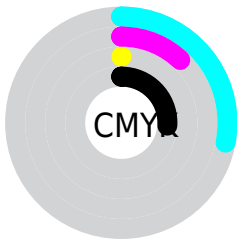
Blue (74%)



Red (54%)

Yellow (61%)

Blue (74%)

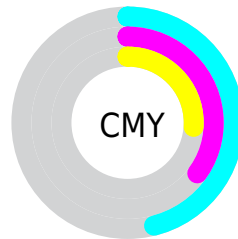


Cyan (28%)

Magenta (12%)

Yellow (0%)

Black (26%)



Cyan (46%)

Magenta (35%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 89A6BD 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 89A6BD by changing the saturation by 10% instead.



■ 89A6BD

■ 89A6BD

FFFFFF

■ 6F8CA2

■ BFDDF5

■ 567288

■ DBFAFF

■ 3D5A6E

■ F8FFFF

■ 254256

■ 0B2C3F

■ 001829

■ 000114

■ 000000

■ 89A6BD

■ 89A6BD

769EBD

9CAEBD

6395BD

AFB7BD

508DBD

C2BFBD

3D85BD

D5C7BD

2A7CBD

E8D0BD

1874BD

FAD8BD

056BBD

FFE1BD

0069BD

FFE9BD

FFF1BD

# Harmonies

## Analogous

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



7EA9B5



89A6BD



9AA1BE

# Triad

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



89A6BD



C0999D



97A78D

# Complementary

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



89A6BD



BDA089

# 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.



A7A387



89A6BD



BE9B90

# Square

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



89A6BD



BA99AB



B59F88



88AA99

# Rectangle

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



89A6BD



A79EBA



B59F88



9CA68A

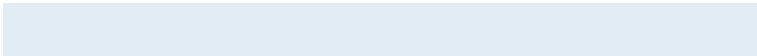


# Sweetspot

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



89A6BD



E1ECF5



89BDA0



6E757A



FAFAFA



7A7A7A

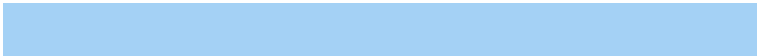


# Same Dimension

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



89A6BD



A4D1F5



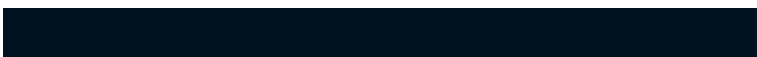
898CBD



555A5E



00589E



00111F



# Inverse Universe

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



BD89A6



F5A4D1



BDBA89



5E555A



9E0058

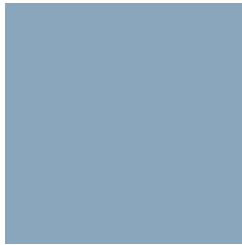


1F0011



# Previews

## White Background



This preview shows how the Hex color 89A6BD looks on a white background.

## Color Contrast Check

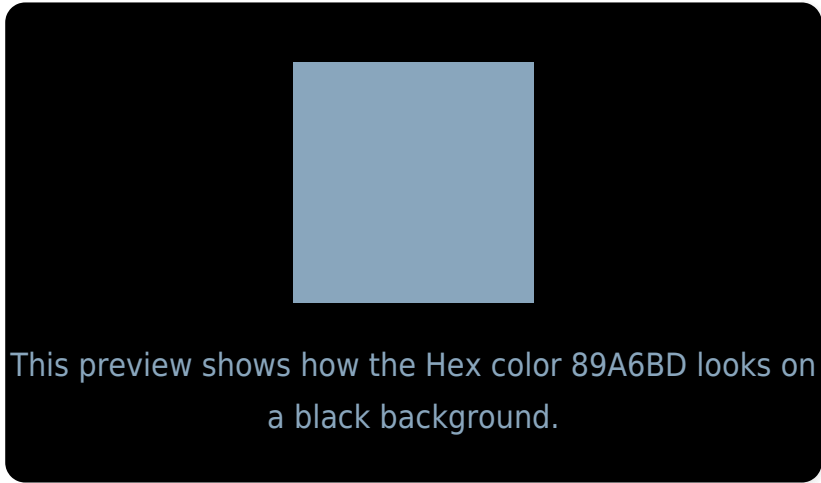
Large Text (above 18pt) WCAG AA × Fail

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

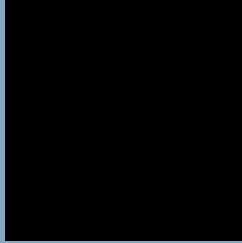
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

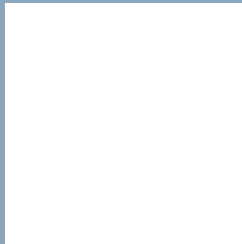
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 89A6BD Background



This preview shows how black text looks on a background with the Hex color 89A6BD.

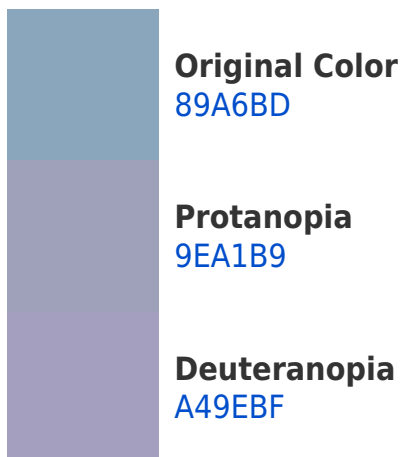


This preview shows how white text looks on a background with the Hex color 89A6BD.

# 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](#).

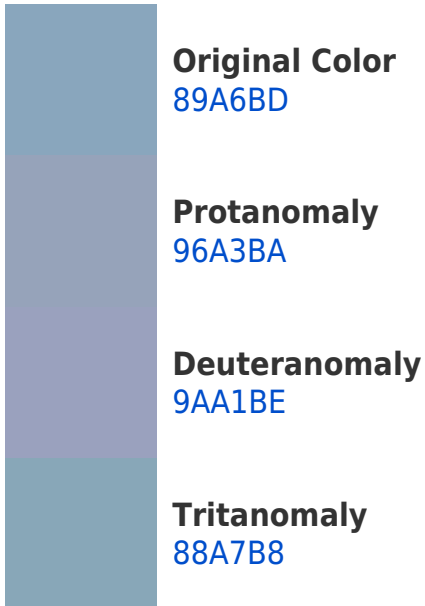
## Dichromacy



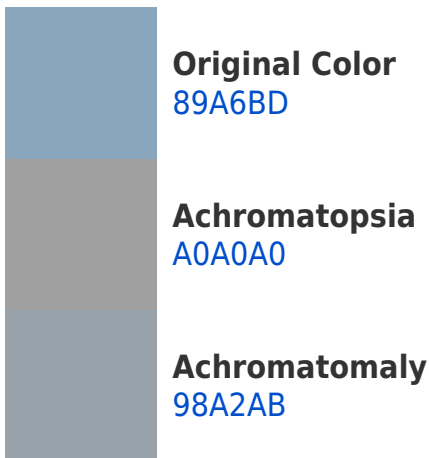


**Tritanopia**  
87A7B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 89A6BD 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 #89A6BD looks like.

```
.text, #text, p{  
    color:#89A6BD  
}
```

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 #89A6BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89A6BD
}
```

## Border

The CSS property to change the border of an element to Hex 89A6BD 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
#89A6BD }
```

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

```
.border{ border-color:#89A6BD }
```

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

Here you see how a box with a 4 pixel #89A6BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89A6BD; -webkit-box-shadow:4px 4px  
4px 4px #89A6BD; box-shadow:4px 4px 4px  
4px #89A6BD }
```

# Background

The CSS property to change the background color of an element to Hex 89A6BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89A6BD }
```

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

```
.background{ background-color:#89A6BD }
```

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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