

Converting Colors

Hex(89A4BC)

Have a look what the booklet for
Hex(89A4BC) contains.

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Color

Hex(89A4BC)

Conversions

Conversions Part 1

Format	Color
Hex	89A4BC
RGB	137, 164, 188
RGB Percent	54%, 64%, 74%
CMY	0.4627, 0.3569, 0.2627
CMYK	0.27, 0.13, 0.00, 0.26
HSL	208°, 28%, 64%
HSV	208°, 27%, 74%
XYZ	32.6691, 35.5001, 52.7073
YIQ	158.6630, -23.7960, 1.7400

Conversions

Conversions Part 2

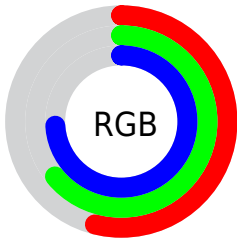
Format	Color
RYB	137, 155, 188
Decimal	9020604
CIELab	66.14, -3.79, -15.42
CIELCh	66, 15.882, 256.185
Yxy	35.5001, 0.2703, 0.2937
Android (android.graphics.Color)	4287210684 (0xFF89A4BC)
YUV	158.6630, 14.4631, -18.9985
Hunter-Lab	59.5820, -6.3961, -10.7416

Details

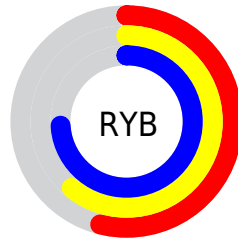
The Hex color **89A4BC** is a light color, and the websafe version is hex **999999**. A complement of this color would be **BCA189**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **BFDBF4**, and **567087** is the 20% darker color. If you saturate the color by 10%, you get **769BBC**, and if you desaturate by 10%, it is **9CADBC**.

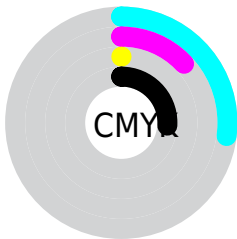
Distribution



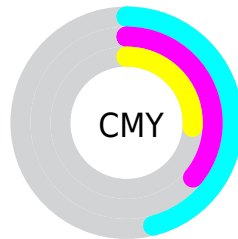
- Red (54%)
- Green (64%)
- Blue (74%)



- Red (54%)
- Yellow (61%)
- Blue (74%)



- Cyan (27%)
- Magenta (13%)
- Yellow (0%)
- Black (26%)



- Cyan (46%)
- Magenta (36%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89A4BC 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 89A4BC by changing the saturation by 10% instead.

 89A4BC

 89A4BC

FFFFFF

 6F8AA1

 BFDBF4

 567087

 DBF7FF

 3D586D

 F8FFFF

 254155

 0B2B3E

 001628

 000113

 000000

 89A4BC

 89A4BC

769BBC

9CADBC

6392BC

AFB6BC

5189BC

C1BFBC

3E81BC

D4C7BC

2B78BC

E7D0BC

186FBC

FAD9BC

0566BC

FFE2BC

0064BC

FFEBBC

FFF4BC

Harmonies

Analogous

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



7DA7B5



89A4BC



9B9FBC

Triad

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



89A4BC



BF9799



93A68D

Complementary

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



89A4BC



BCA189

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.



A4A285



89A4BC



BC998D

Square

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



89A4BC



BA98A8



B29E85



85A999

Rectangle

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



89A4BC



A79CB8



B29E85



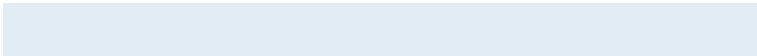
99A58A

Sweetspot

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



89A4BC



E1ECF5



89BCA1



6E757A



FAFAFA



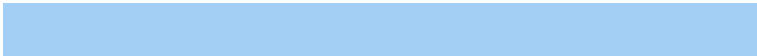
7A7A7A

Same Dimension

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



89A4BC



A4CFF5



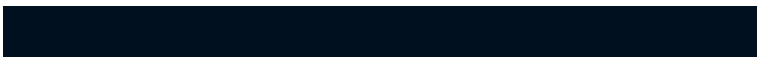
898BBC



555A5E



00549E



00101F

Inverse Universe

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



BC89A4



F5A4CF



BCBA89



5E555A



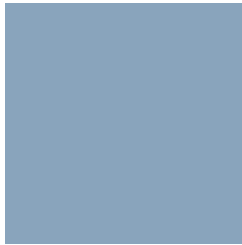
9E0054



1F0010

Previews

White Background



This preview shows how the Hex color 89A4BC looks on a white background.

Color Contrast Check

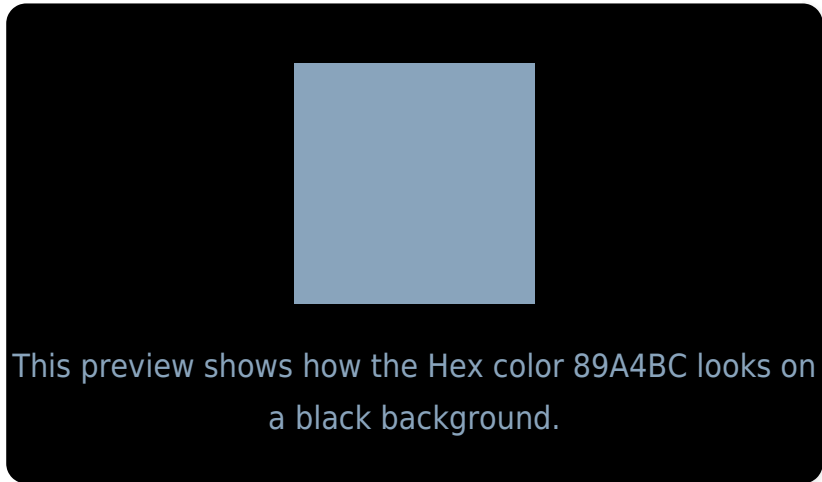
Large Text (above 18pt) WCAG AA × Fail

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

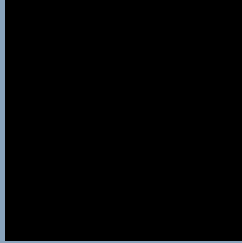
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

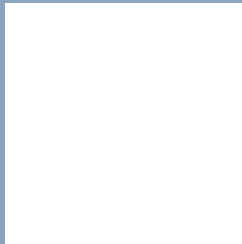
Any Text WCAG AAA ✓ Pass

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

Hex 89A4BC Background



This preview shows how black text looks on a background with the Hex color 89A4BC.



This preview shows how white text looks on a background with the Hex color 89A4BC.

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
89A4BC

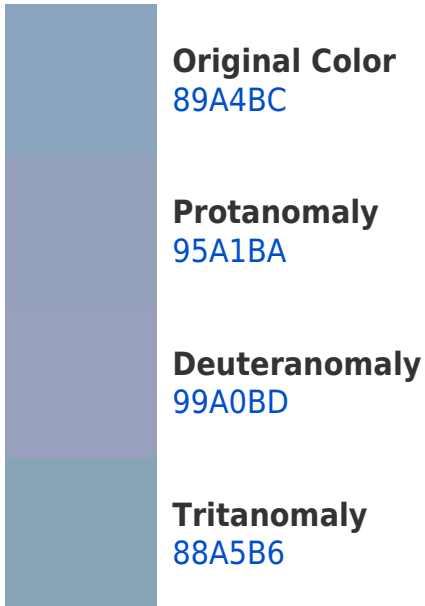
Protanopia
9C9FB9

Deuteranopia
A29DBE

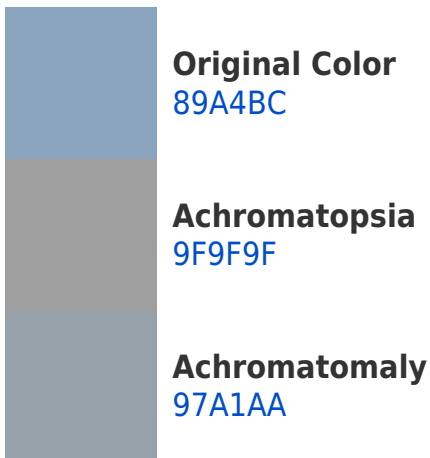


Tritanopia
87A6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 89A4BC 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 #89A4BC looks like.

```
.text, #text, p{  
    color:#89A4BC  
}
```

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 #89A4BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89A4BC
}
```

Border

The CSS property to change the border of an element to Hex 89A4BC 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
#89A4BC }
```

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

```
.border{ border-color:#89A4BC }
```

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

Here you see how a box with a 4 pixel #89A4BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89A4BC; -webkit-box-shadow:4px 4px  
4px 4px #89A4BC; box-shadow:4px 4px 4px  
4px #89A4BC }
```

Background

The CSS property to change the background color of an element to Hex 89A4BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89A4BC }
```

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

```
.background{ background-color:#89A4BC }
```

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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