

# Converting Colors

Hex(89B4C9)

Have a look what the booklet for  
Hex(89B4C9) contains.

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# **Color**

**Hex(89B4C9)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 89B4C9                      |
| RGB         | 137, 180, 201               |
| RGB Percent | 54%, 71%, 79%               |
| CMY         | 0.4627, 0.2941, 0.2118      |
| CMYK        | 0.32, 0.10, 0.00, 0.21      |
| HSL         | 200°, 37%, 66%              |
| HSV         | 200°, 32%, 79%              |
| XYZ         | 37.1804, 42.1779, 61.4399   |
| YIQ         | 169.5370, -32.3690, -2.5850 |

# Conversions

## Conversions Part 2

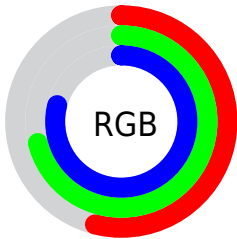
| Format                              | Color   |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">137, 163, 201</a>                   |
| Decimal                             | <a href="#">9024713</a>                         |
| CIELab                              | <a href="#">70.99, -9.30, -15.28</a>            |
| CIELCh                              | <a href="#">71, 17.887, 238.685</a>             |
| Yxy                                 | <a href="#">42.1779, 0.2641,<br/>0.2996</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4287214793<br/>(0xFF89B4C9)</a>     |
| YUV                                 | <a href="#">169.5370, 15.5113,<br/>-28.5349</a> |
| Hunter-Lab                          | <a href="#">64.9445, -11.4626,<br/>-10.6293</a> |

# Details

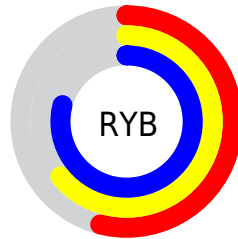
The Hex color **89B4C9** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C99E89**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **C0ECFF**, and **557F93** is the 20% darker color. If you saturate the color by 10%, you get **75ADC9**, and if you desaturate by 10%, it is **9DBBC9**.

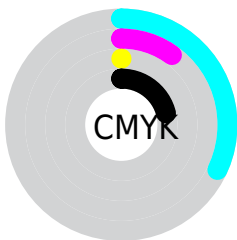
# Distribution



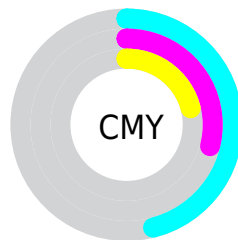
- Red (54%)
- Green (71%)
- Blue (79%)



- Red (54%)
- Yellow (64%)
- Blue (79%)



- Cyan (32%)
- Magenta (10%)
- Yellow (0%)
- Black (21%)



- Cyan (46%)
- Magenta (29%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 89B4C9 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 89B4C9 by changing the saturation by 10% instead.





89B4C9



89B4C9

FFFFFF



6F99AE



C0ECFF



557F93



DCFFFF



3B6679



F9FFFF



214E60



003749



002232



00081D



000000



89B4C9



89B4C9

75ADC9

9DBBC9

61A7C9

B1C1C9

4DA0C9

C5C8C9

399AC9

D9CEC9

2593C9

EED5C9

108CC9

FFDCC9

0087C9

FFE2C9

FFE9C9

FFEFC9

# Harmonies

## Analogous

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



82B7BD



89B4C9



9BAFCE

# Triad

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



89B4C9



CEA2AF



A9B291

# Complementary

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



89B4C9



C99E89

# 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.



BBAC8D



89B4C9



D0A39F

# Square

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



89B4C9



C2A5BF



C9A793



97B59C

# Rectangle

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



89B4C9



A9ACCC



C9A793



B0B08F



# Sweetspot

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



89B4C9



E6F7FF



89C99D



707A80



000000



808080

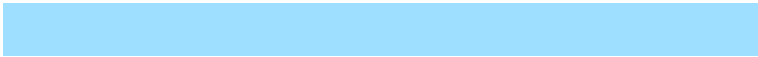


# Same Dimension

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



89B4C9



9EDFFF



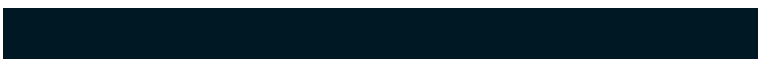
8995C9



5A6063



006EA3



001824



# Inverse Universe

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



C989B4



FF9EDF



C9BD89



635A60



A3006E

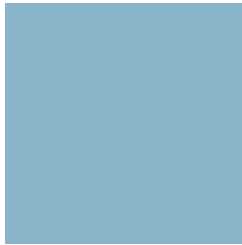


240018



# Previews

## White Background



This preview shows how the Hex color 89B4C9 looks on a white background.

## Color Contrast Check

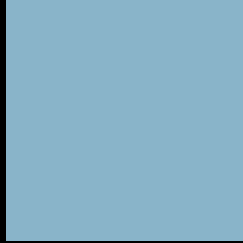
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 89B4C9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

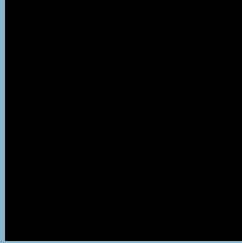
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 89B4C9 Background



This preview shows how black text looks on a background with the Hex color 89B4C9.

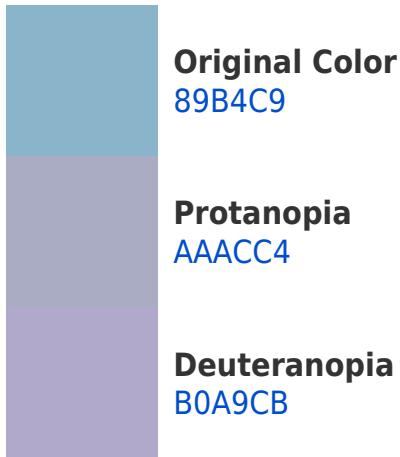


This preview shows how white text looks on a background with the Hex color 89B4C9.

# 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](#).

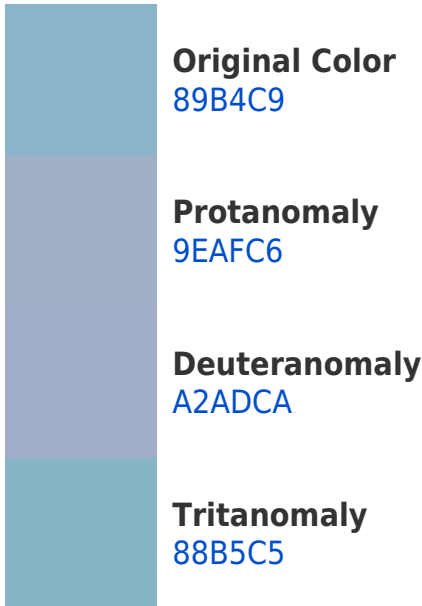
## Dichromacy



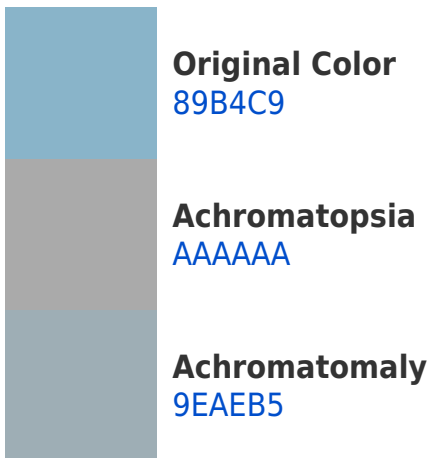


**Tritanopia**  
88B5C3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 89B4C9 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 #89B4C9 looks like.

```
.text, #text, p{  
    color:#89B4C9  
}
```

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 #89B4C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89B4C9
}
```

## Border

The CSS property to change the border of an element to Hex 89B4C9 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
#89B4C9 }
```

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

```
.border{ border-color:#89B4C9 }
```

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

Here you see how a box with a 4 pixel #89B4C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89B4C9; -webkit-box-shadow:4px 4px  
4px 4px #89B4C9; box-shadow:4px 4px 4px  
4px #89B4C9 }
```

# Background

The CSS property to change the background color of an element to Hex 89B4C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89B4C9 }
```

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

```
.background{ background-color:#89B4C9 }
```

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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