

# Converting Colors

Hex(89C9DD)

Have a look what the booklet for  
Hex(89C9DD) contains.

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# **Color**

**Hex(89C9DD)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 89C9DD                      |
| RGB         | 137, 201, 221               |
| RGB Percent | 54%, 79%, 87%               |
| CMY         | 0.4627, 0.2118, 0.1333      |
| CMYK        | 0.38, 0.09, 0.00, 0.13      |
| HSL         | 194°, 55%, 70%              |
| HSV         | 194°, 38%, 87%              |
| XYZ         | 44.2543, 52.3121, 76.1714   |
| YIQ         | 184.1440, -44.5640, -7.3480 |

# Conversions

## Conversions Part 2

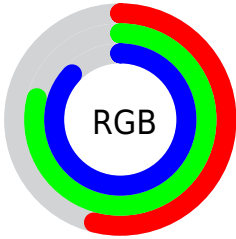
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">137, 173, 221</a>                                |
| Decimal                             | <a href="#">9030109</a>                                      |
| CIELab                              | <a href="#">77.47, -15.34, -16.39</a>                        |
| CIElCh                              | <a href="#">77, 22.453, 226.899</a>                          |
| Yxy                                 | <a href="#">52.3121, 0.2562, 0.3028</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4287220189</a><br>( <a href="#">0xFF89C9DD</a> ) |
| YUV                                 | <a href="#">184.1440, 18.1700, -41.3453</a>                  |
| Hunter-Lab                          | <a href="#">72.3271, -17.3548, -11.8124</a>                  |

# Details

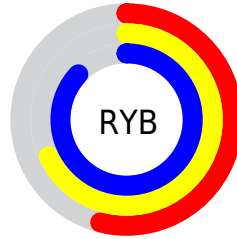
The Hex color **89C9DD** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DD9D89**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **C1FFFF**, and **5293A6** is the 20% darker color. If you saturate the color by 10%, you get **73C4DD**, and if you desaturate by 10%, it is **9FCEDD**.

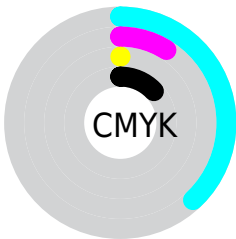
# Distribution



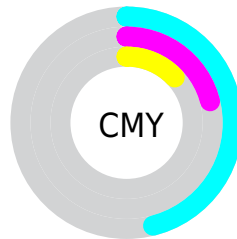
- Red (54%)
- Green (79%)
- Blue (87%)



- Red (54%)
- Yellow (68%)
- Blue (87%)



- Cyan (38%)
- Magenta (9%)
- Yellow (0%)
- Black (13%)



- Cyan (46%)
- Magenta (21%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 89C9DD 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 89C9DD by changing the saturation by 10% instead.



 89C9DD

 89C9DD

FFFFFF

 6EAEC1

 C1FFFF

 5293A6

 DEFFFF

 36798C

 FBFFFF

 166072

 004859

 003242

 001D2C

 000118

 000000

89C9DD

89C9DD

73C4DD

9FCEDD

5DBEDD

B5D4DD

47B9DD

CBD9DD

31B4DD

E1DEDD

1AAFDD

F8E3DD

04A9DD

FFE9DD

00A8DD

FFEEDD

FFF3DD

FFF8DD

# Harmonies

## Analogous

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



87CBCB



89C9DD



9CC4E7

# Triad

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



89C9DD



E4B2C9



C3C297

# Complementary

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



89C9DD



DD9D89

# 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.



D8BB97



89C9DD



EBB1B4

# Square

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



89C9DD



D1B6DC



E6B5A2



ABC7A2

# Rectangle

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



89C9DD



AEC0E8



E6B5A2



CAC096



# Sweetspot

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



89C9DD



E3F8FF



89DD9D



6F7C80



000000



808080

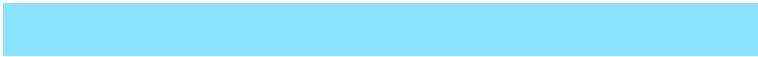


# Same Dimension

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



89C9DD



8AE3FF



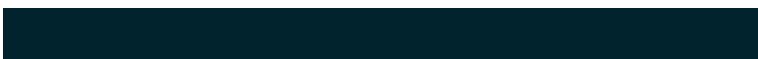
899FDD



636B6E



0084AD



00232E



# Inverse Universe

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



DD89C9



FF8AE3



DDC789



6E636B



AD0084

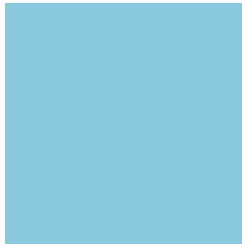


2E0023



# Previews

## White Background



This preview shows how the Hex color 89C9DD looks on a white background.

## Color Contrast Check

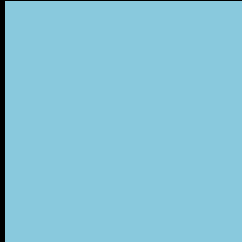
Large Text (above 18pt) WCAG AA × Fail

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 89C9DD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

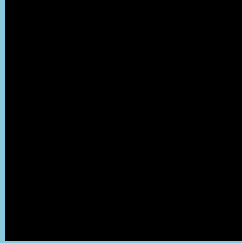
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 89C9DD Background



This preview shows how black text looks on a background with the Hex color 89C9DD.

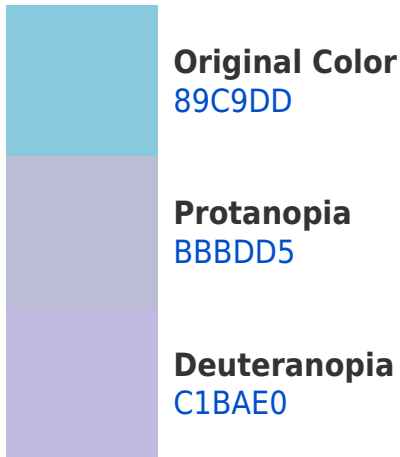


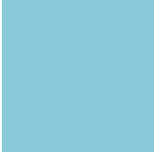
This preview shows how white text looks on a background with the Hex color 89C9DD.

# 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](#).

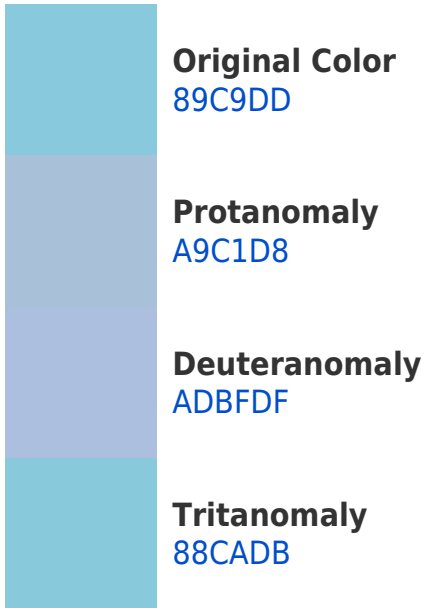
## Dichromacy



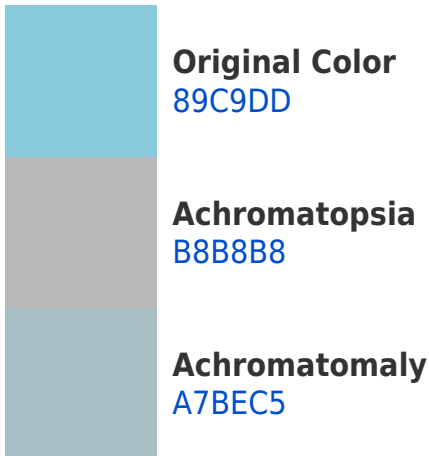


**Tritanopia**  
88CADA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 89C9DD 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 #89C9DD looks like.

```
.text, #text, p{  
    color:#89C9DD  
}
```

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 #89C9DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89C9DD
}
```

## Border

The CSS property to change the border of an element to Hex 89C9DD 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
#89C9DD }
```

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

```
.border{ border-color:#89C9DD }
```

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

Here you see how a box with a 4 pixel #89C9DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89C9DD; -webkit-box-shadow:4px 4px  
4px 4px #89C9DD; box-shadow:4px 4px 4px  
4px #89C9DD }
```

# Background

The CSS property to change the background color of an element to Hex 89C9DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89C9DD }
```

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

```
.background{ background-color:#89C9DD }
```

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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