

# Converting Colors

Hex(98C8ED)

Have a look what the booklet for  
Hex(98C8ED) contains.

<b>Hex(98C8ED)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(98C8ED)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	98C8ED
RGB	152, 200, 237
RGB Percent	60%, 78%, 93%
CMY	0.4039, 0.2157, 0.0706
CMYK	0.36, 0.16, 0.00, 0.07
HSL	206°, 70%, 76%
HSV	206°, 36%, 93%
XYZ	48.8892, 54.0984, 87.9861
YIQ	189.8660, -40.4850, 1.3310

# Conversions

## Conversions Part 2

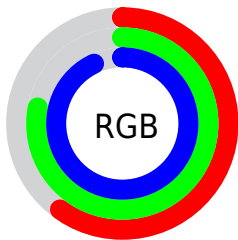
<b>Format</b>	<b>Color</b>
<b>RYB</b>	152, 183, 237
Decimal	10012909
CIELab	78.52, -6.79, -23.32
CIELCh	79, 24.292, 253.759
Yxy	54.0984, 0.2560, 0.2833
Android (android.graphics.Color)	4288202989 (0xFF98C8ED)
YUV	189.8660, 23.2371, -33.2085
Hunter-Lab	73.5516, -10.0676, -19.4395

# Details

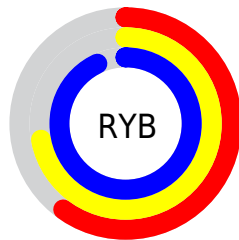
The Hex color **98C8ED** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **EDBD98**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **D0FFFF**, and **6292B5** is the 20% darker color. If you saturate the color by 10%, you get **80BEED**, and if you desaturate by 10%, it is **B0D2ED**.

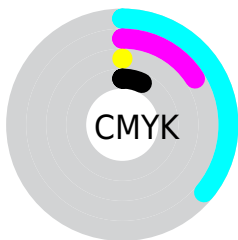
# Distribution



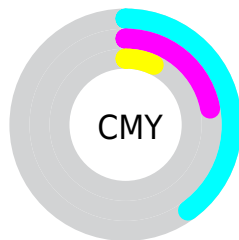
- Red (60%)
- Green (78%)
- Blue (93%)



- Red (60%)
- Yellow (72%)
- Blue (93%)



- Cyan (36%)
- Magenta (16%)
- Yellow (0%)
- Black (7%)



- Cyan (40%)
- Magenta (22%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 98C8ED 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 98C8ED by changing the saturation by 10% instead.



 98C8ED

 98C8ED

FFFFFF

 7DADD1

 D0FFFF

 6292B5

 EDFFFF

 47789A

 2B6080

 044867

 00324F

 001D38

 000222

 000009

■ 98C8ED

■ 98C8ED

■ 80BEED

■ B0D2ED

■ 69B3ED

■ C7DDED

■ 51A9ED

■ DFE7ED

■ 399FED

■ F7F1ED

■ 2194ED

■ FFFCED

■ 0A8AED

■ FFFFED

■ 0086ED

# Harmonies

## Analogous

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



85CDE1



98C8ED



B6C1EE

# Triad

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



98C8ED



F1B2B9



AFCAA1

# Complementary

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



98C8ED



EDBD98

# 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.



C9C496



98C8ED



EDB6A4

# Square

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



98C8ED



E8B4CF



DFBD97



96CEB5

# Rectangle

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



98C8ED



CABCE8



DFBD97



B8C99C

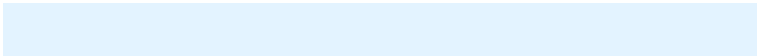


# Sweetspot

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



98C8ED



E3F3FF



98EDBD



6F7880



000000



808080

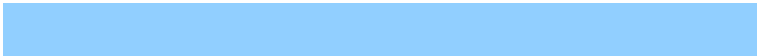


# Same Dimension

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



98C8ED



91CFFF



989EED



6A7075



0066B5



001E36



# Inverse Universe

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



ED98C8



FF91CF



EDE798



756A70



B50066

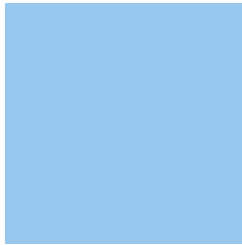


36001E



# Previews

## White Background



This preview shows how the Hex color 98C8ED looks on a white background.

## Color Contrast Check

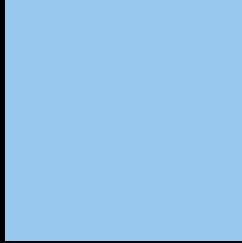
Large Text (above 18pt) WCAG AA × Fail

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 98C8ED 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

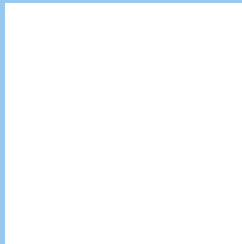
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 98C8ED Background



This preview shows how black text looks on a background with the Hex color 98C8ED.

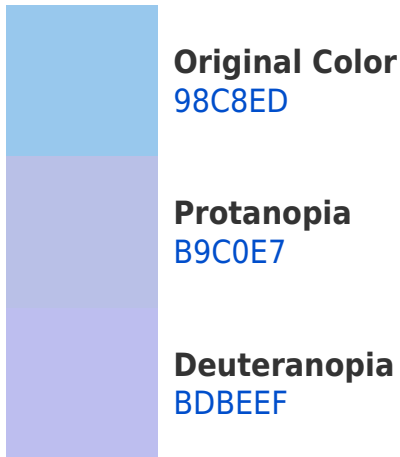


This preview shows how white text looks on a background with the Hex color 98C8ED.

# 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](#).

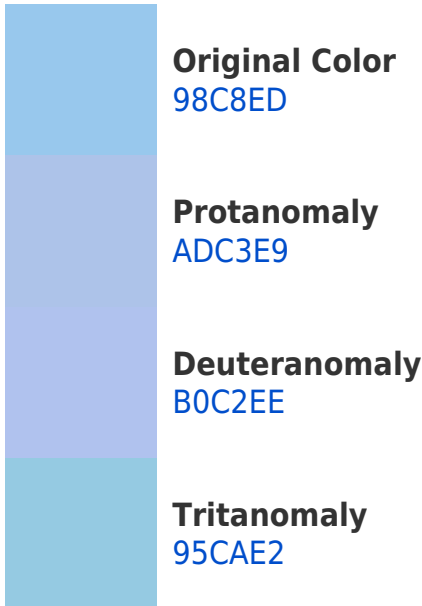
## Dichromacy



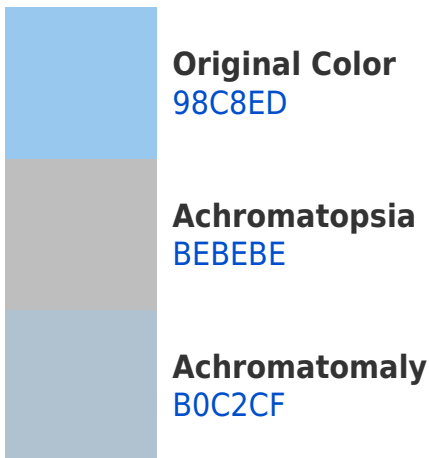


**Tritanopia**  
94CBDB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 98C8ED 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 #98C8ED looks like.

```
.text, #text, p{  
    color:#98C8ED  
}
```

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 #98C8ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98C8ED
}
```

## Border

The CSS property to change the border of an element to Hex 98C8ED 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
#98C8ED }
```

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

```
.border{ border-color:#98C8ED }
```

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

Here you see how a box with a 4 pixel #98C8ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98C8ED; -webkit-box-shadow:4px 4px  
4px 4px #98C8ED; box-shadow:4px 4px 4px  
4px #98C8ED }
```

# Background

The CSS property to change the background color of an element to Hex 98C8ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98C8ED }
```

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

```
.background{ background-color:#98C8ED }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor