

# Converting Colors

Hex(98B0E9)

Have a look what the booklet for  
Hex(98B0E9) contains.

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# **Color**

**Hex(98B0E9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	98B0E9
RGB	152, 176, 233
RGB Percent	60%, 69%, 91%
CMY	0.4039, 0.3098, 0.0863
CMYK	0.35, 0.24, 0.00, 0.09
HSL	222°, 65%, 75%
HSV	222°, 35%, 91%
XYZ	43.1822, 43.6093, 83.2323
YIQ	175.3220, -32.6010, 12.6390

# Conversions

## Conversions Part 2

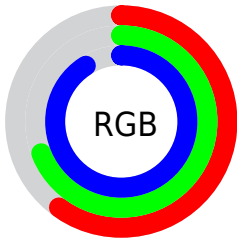
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	152, 171, 233
Decimal	10006761
CIE Lab	71.97, 5.21, -31.20
CIE LCh	72, 31.635, 279.483
Yxy	43.6093, 0.2540, 0.2565
Android (android.graphics.Color)	4288196841 (0xFF98B0E9)
YUV	175.3220, 28.4353, -20.4534
Hunter-Lab	66.0373, 1.1570, -28.5020

# Details

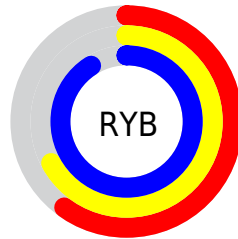
The Hex color **98B0E9** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E9D198**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **D0E7FF**, and **627CB1** is the 20% darker color. If you saturate the color by 10%, you get **81A0E9**, and if you desaturate by 10%, it is **AFC0E9**.

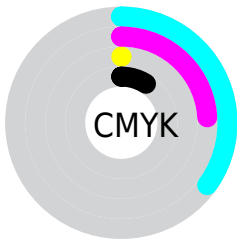
# Distribution



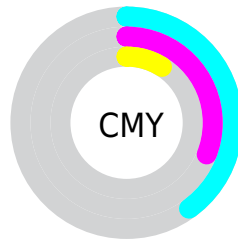
- Red (60%)
- Green (69%)
- Blue (91%)



- Red (60%)
- Yellow (67%)
- Blue (91%)



- Cyan (35%)
- Magenta (24%)
- Yellow (0%)
- Black (9%)



- Cyan (40%)
- Magenta (31%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 98B0E9 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 98B0E9 by changing the saturation by 10% instead.



■ 98B0E9

■ 98B0E9

FFFFFF

■ 7D95CD

■ D0E7FF

■ 627CB1

■ EDFFFF

■ 486396

■ 2C4B7C

■ 0B3563

■ 00204B

■ 000734

■ 00021E

■ 000000

■ 98B0E9

■ 98B0E9

■ 81A0E9

■ AFC0E9

■ 698FE9

■ C7D1E9

■ 527FE9

■ DEE1E9

■ 3B6EE9

■ F5F2E9

■ 245EE9

■ FFFFE9

■ 0C4EE9

■ 0045E9

# Harmonies

## Analogous

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



6DB9E6



98B0E9



C0A6DD

# Triad

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



98B0E9



E69F8D



7ABF9B

# Complementary

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



98B0E9



E9D198

# 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.



9CBA83



98B0E9



D6A87B

# Square

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



98B0E9



EA9BA8



BBB277



5BC0B9

# Rectangle

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



98B0E9



D5A0CE



BBB277



85BD92



# Sweetspot

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



98B0E9



E6EDFF



98E9D1



707580



000000



808080



# Same Dimension

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



98B0E9



94B4FF



A898E9



6A6D75



0036B5



001036



# Inverse Universe

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



E998B0



FF94B4



D9E998



756A6D



B50036



360010



# Previews

## White Background



This preview shows how the Hex color 98B0E9 looks on a white background.

## Color Contrast Check

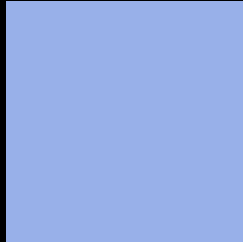
Large Text (above 18pt) WCAG AA × Fail

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 98B0E9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

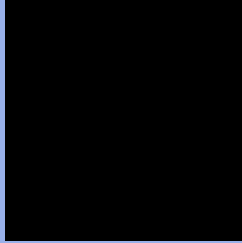
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 98B0E9 Background



This preview shows how black text looks on a background with the Hex color 98B0E9.



This preview shows how white text looks on a background with the Hex color 98B0E9.

# 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**  
98B0E9

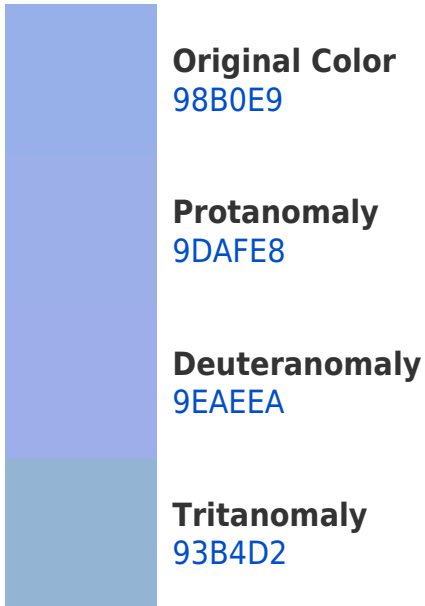
**Protanopia**  
A0AEE7

**Deuteranopia**  
A1ADEA

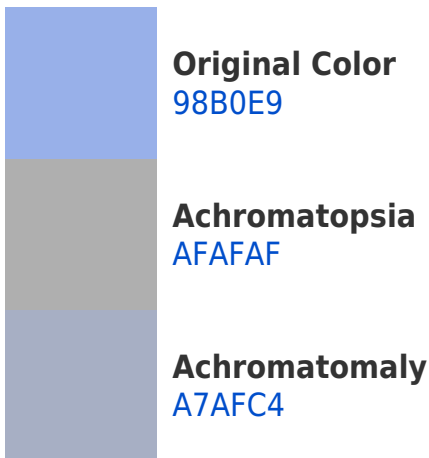


**Tritanopia**  
90B7C5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 98B0E9 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 #98B0E9 looks like.

```
.text, #text, p{  
    color:#98B0E9  
}
```

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 #98B0E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98B0E9
}
```

## Border

The CSS property to change the border of an element to Hex 98B0E9 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
#98B0E9 }
```

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

```
.border{ border-color:#98B0E9 }
```

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

Here you see how a box with a 4 pixel #98B0E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98B0E9; -webkit-box-shadow:4px 4px  
4px 4px #98B0E9; box-shadow:4px 4px 4px  
4px #98B0E9 }
```

# Background

The CSS property to change the background color of an element to Hex 98B0E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98B0E9 }
```

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

```
.background{ background-color:#98B0E9 }
```

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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