

# Converting Colors

Hex(98DAE9)

Have a look what the booklet for  
Hex(98DAE9) contains.

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# **Color**

**Hex(98DAE9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	98DAE9
RGB	152, 218, 233
RGB Percent	60%, 85%, 91%
CMY	0.4039, 0.1451, 0.0863
CMYK	0.35, 0.06, 0.00, 0.09
HSL	191°, 65%, 75%
HSV	191°, 35%, 91%
XYZ	52.7283, 62.7014, 86.4143
YIQ	199.9760, -44.1510, -9.3270

# Conversions

## Conversions Part 2

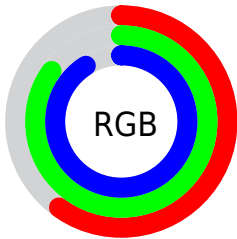
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	152, 188, 233
Decimal	10017513
CIE Lab	83.29, -17.11, -13.99
CIE LCh	83, 22.104, 219.264
Yxy	62.7014, 0.2612, 0.3106
Android (android.graphics.Color)	4288207593 (0xFF98DAE9)
YUV	199.9760, 16.2808, -42.0750
Hunter-Lab	79.1842, -19.7103, -9.2746

# Details

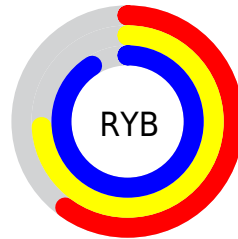
The Hex color **98DAE9** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E9A798**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **D1FFFF**, and **61A3B1** is the 20% darker color. If you saturate the color by 10%, you get **81D6E9**, and if you desaturate by 10%, it is **AFDEE9**.

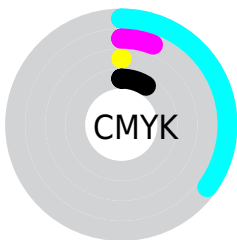
# Distribution



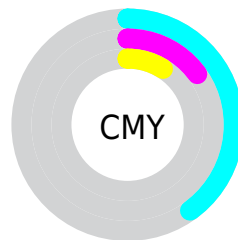
- Red (60%)
- Green (85%)
- Blue (91%)



- Red (60%)
- Yellow (74%)
- Blue (91%)



- Cyan (35%)
- Magenta (6%)
- Yellow (0%)
- Black (9%)



- Cyan (40%)
- Magenta (15%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 98DAE9 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 98DAE9 by changing the saturation by 10% instead.



■ 98DAE9

FFFFFF

■ D1FFFF

■ EEEFFF

■ 98DAE9

■ 7CBECD

■ 61A3B1

■ 468997

■ 296F7D

■ 005764

■ 003F4C

■ 002935

■ 001520

■ 000006

98DAE9

98DAE9

81D6E9

AFDEE9

69D1E9

C7E3E9

52CDE9

DEE7E9

3BC9E9

F5EBE9

24C4E9

FFF0E9

0CC0E9

FFF4E9

00BEE9

FFF8E9

FFFDE9

FFFFE9

# Harmonies

## Analogous

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



9ADCD5



98DAE9



A7D6F6

# Triad

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



98DAE9



F0C3DF



D9D0A6

# Complementary

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



98DAE9



E9A798

# 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.



EDC9A9



98DAE9



FAC1CA

# Square

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



98DAE9



DBC8F0



F9C3B6



C1D6AF

# Rectangle

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



98DAE9



B7D1F9



F9C3B6



E0CEA6

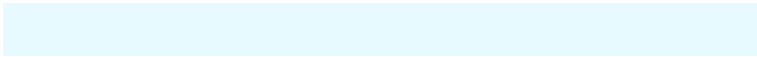


# Sweetspot

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



98DAE9



E6FAFF



98E9A7



707D80



000000



808080

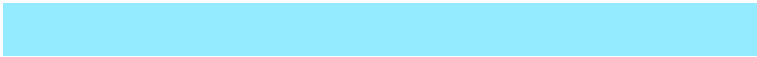


# Same Dimension

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



98DAE9



94EBFF



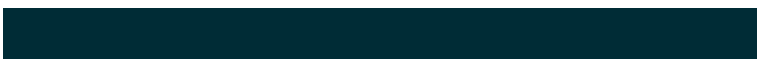
98B2E9



6A7375



0094B5



002C36



# Inverse Universe

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



E998DA



FF94EB



E9CF98



756A73



B50094

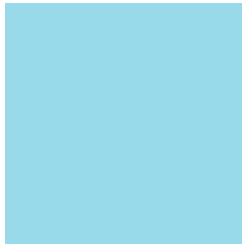


36002C



# Previews

## White Background



This preview shows how the Hex color 98DAE9 looks on a white background.

## Color Contrast Check

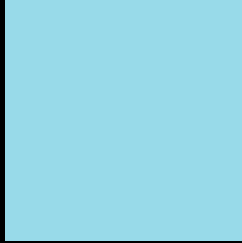
Large Text (above 18pt) WCAG AA × Fail

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 98DAE9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

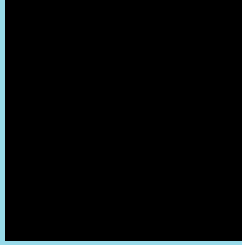
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 98DAE9 Background



This preview shows how black text looks on a background with the Hex color 98DAE9.

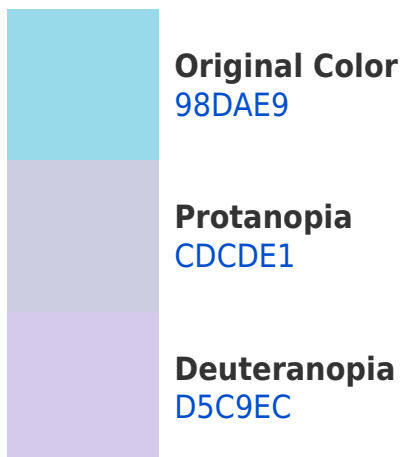


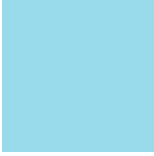
This preview shows how white text looks on a background with the Hex color 98DAE9.

# 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](#).

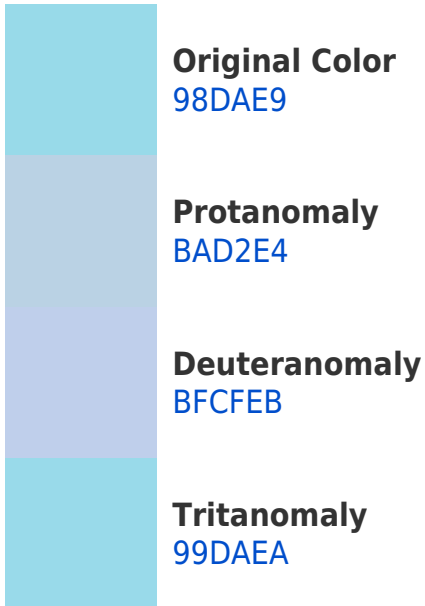
## Dichromacy



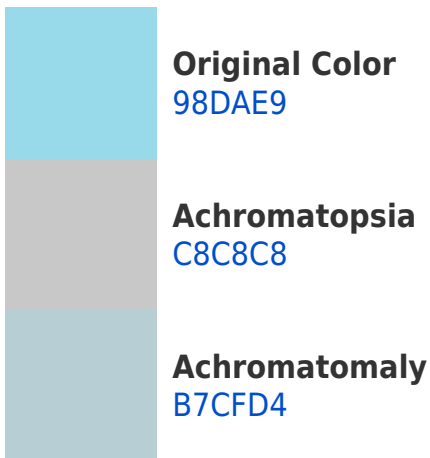


**Tritanopia**  
99DAEB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 98DAE9 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 #98DAE9 looks like.

```
.text, #text, p{  
    color:#98DAE9  
}
```

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 #98DAE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98DAE9
}
```

## Border

The CSS property to change the border of an element to Hex 98DAE9 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
#98DAE9 }
```

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

```
.border{ border-color:#98DAE9 }
```

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

Here you see how a box with a 4 pixel #98DAE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98DAE9; -webkit-box-shadow:4px 4px  
4px 4px #98DAE9; box-shadow:4px 4px 4px  
4px #98DAE9 }
```

# Background

The CSS property to change the background color of an element to Hex 98DAE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98DAE9 }
```

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

```
.background{ background-color:#98DAE9 }
```

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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