

# Converting Colors

Hex(98DEE1)

Have a look what the booklet for  
Hex(98DEE1) contains.

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# **Color**

**Hex(98DEE1)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 98DEE1                       |
| RGB         | 152, 222, 225                |
| RGB Percent | 60%, 87%, 88%                |
| CMY         | 0.4039, 0.1294, 0.1176       |
| CMYK        | 0.32, 0.01, 0.00, 0.12       |
| HSL         | 182°, 55%, 74%               |
| HSV         | 182°, 32%, 88%               |
| XYZ         | 52.6608, 64.3542, 80.8802    |
| YIQ         | 201.4120, -42.6830, -13.9070 |

# Conversions

## Conversions Part 2

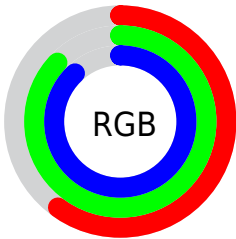
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| R <sub>YB</sub>                     | 152, 188, 225                  |
| Decimal                             | 10018529                       |
| CIE <sub>Lab</sub>                  | 84.15, -21.02, -8.46           |
| CIE <sub>LCh</sub>                  | 84, 22.655, 201.922            |
| Y <sub>xy</sub>                     | 64.3542, 0.2661,<br>0.3252     |
| Android<br>(android.graphics.Color) | 4288208609<br>(0xFF98DEE1)     |
| YUV                                 | 201.4120, 11.6289,<br>-43.3343 |
| Hunter-Lab                          | 80.2211, -23.2113,<br>-3.6224  |

# Details

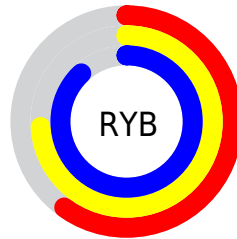
The Hex color **98DEE1** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E19B98**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **D1FFFF**, and **61A7AA** is the 20% darker color. If you saturate the color by 10%, you get **82DDE1**, and if you desaturate by 10%, it is **AFDFE1**.

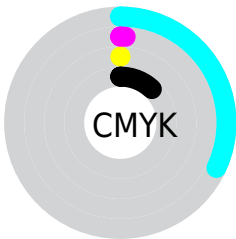
# Distribution



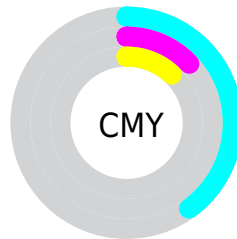
- Red (60%)
- Green (87%)
- Blue (88%)



- Red (60%)
- Yellow (74%)
- Blue (88%)



- Cyan (32%)
- Magenta (1%)
- Yellow (0%)
- Black (12%)



- Cyan (40%)
- Magenta (13%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 98DEE1 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 98DEE1 by changing the saturation by 10% instead.



 98DEE1

 98DEE1

FFFFFF

 7DC2C5

 D1FFFF

 61A7AA

 EEEFFF

 468C8F

 2A7376

 035A5D

 004246

 002B2F

 00181B

 000000

 98DEE1

 98DEE1

 82DDE1

 AFDFE1

 6BDCE1

 C5E0E1

 55DBE1


 DCE1E1

 3EDAE1

 F2E2E1

 28D9E1

 FFE3E1

 11D8E1

 FFE4E1

 00D8E1

 FFE5E1

 FFE6E1

# Harmonies

## Analogous

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



A4DECB



98DEE1



9DDBF3

# Triad

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



98DEE1



E8C8EC



E8CEA8

# Complementary

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



98DEE1



E19B98

# 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.



F8C8B1



98DEE1



F9C3D9

# Square

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



98DEE1



CECEF9



FFC3C3



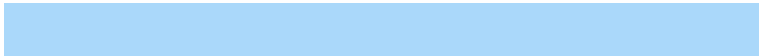
D2D5AA

# Rectangle

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



98DEE1



AAD8FA



FFC3C3



EECAA

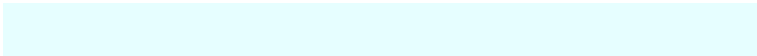


# Sweetspot

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



98DEE1



E6FEFF



98E19A



707F80



000000



808080



# Same Dimension

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



98DEE1



9CFBFF



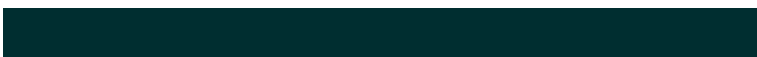
98BAE1



657070



00A9B0



002E30



# Inverse Universe

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



E198DE



FF9CFB



E1BF98



706570



B000A9

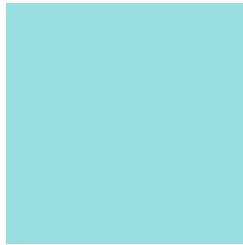


30002E



# Previews

## White Background



This preview shows how the Hex color 98DEE1 looks on a white background.

## Color Contrast Check

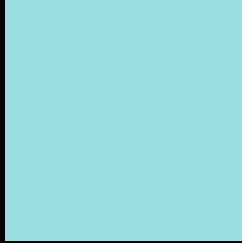
Large Text (above 18pt) WCAG AA × Fail

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 98DEE1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

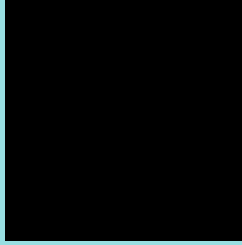
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 98DEE1 Background



This preview shows how black text looks on a background with the Hex color 98DEE1.

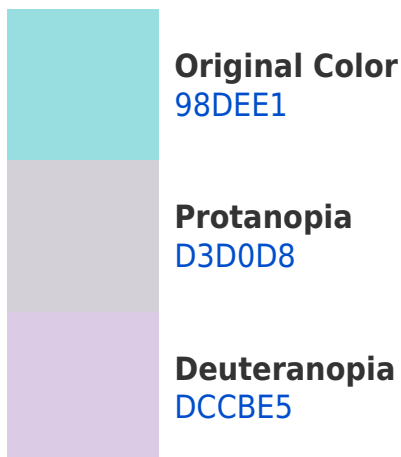


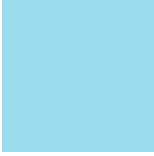
This preview shows how white text looks on a background with the Hex color 98DEE1.

# 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](#).

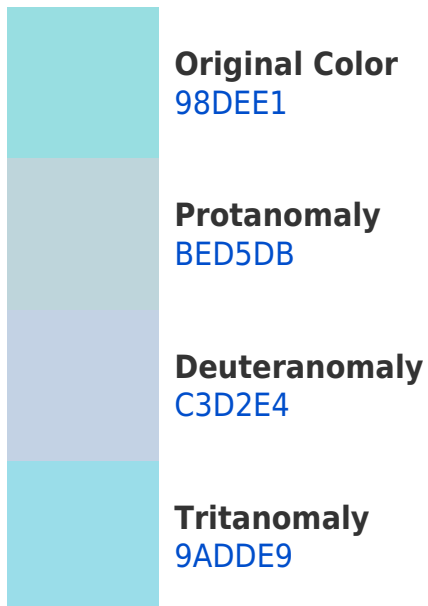
## Dichromacy



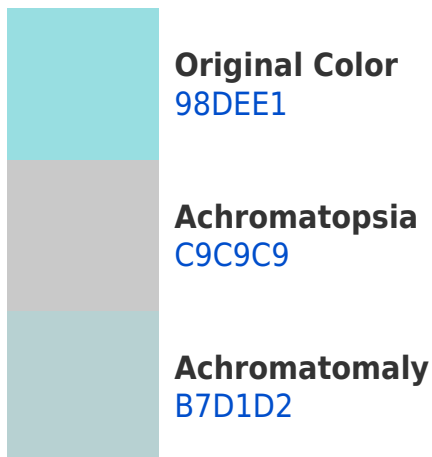


**Tritanopia**  
9BDCEE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 98DEE1 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 #98DEE1 looks like.

```
.text, #text, p{  
    color:#98DEE1  
}
```

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 #98DEE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98DEE1
}
```

## Border

The CSS property to change the border of an element to Hex 98DEE1 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
#98DEE1 }
```

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

```
.border{ border-color:#98DEE1 }
```

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

Here you see how a box with a 4 pixel #98DEE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98DEE1; -webkit-box-shadow:4px 4px  
4px 4px #98DEE1; box-shadow:4px 4px 4px  
4px #98DEE1 }
```

# Background

The CSS property to change the background color of an element to Hex 98DEE1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98DEE1 }
```

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

```
.background{ background-color:#98DEE1 }
```

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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