

# Converting Colors

Hex(98D8EC)

Have a look what the booklet for  
Hex(98D8EC) contains.

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**Color**

**Hex(98D8EC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	98D8EC
RGB	152, 216, 236
RGB Percent	60%, 85%, 93%
CMY	0.4039, 0.1529, 0.0745
CMYK	0.36, 0.08, 0.00, 0.07
HSL	194°, 69%, 76%
HSV	194°, 36%, 93%
XYZ	52.6451, 61.8433, 88.5191
YIQ	199.1440, -44.5640, -7.3480

# Conversions

## Conversions Part 2

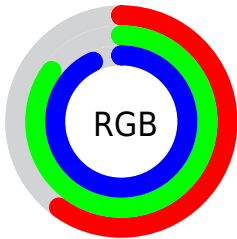
<b>Format</b>	<b>Color</b>
<b>RYB</b>	152, 188, 236
Decimal	10017004
CIELab	82.83, -15.37, -16.27
CIELCh	83, 22.377, 226.624
Yxy	61.8433, 0.2593, 0.3046
Android (android.graphics.Color)	4288207084 (0xFF98D8EC)
YUV	199.1440, 18.1700, -41.3453
Hunter-Lab	78.6405, -18.1258, -11.6895

# Details

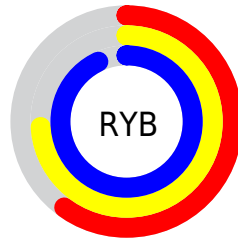
The Hex color **98D8EC** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **ECAC98**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **D1FFFF**, and **61A1B4** is the 20% darker color. If you saturate the color by 10%, you get **80D2EC**, and if you desaturate by 10%, it is **B0DEEC**.

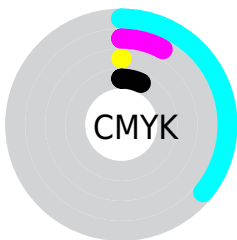
# Distribution



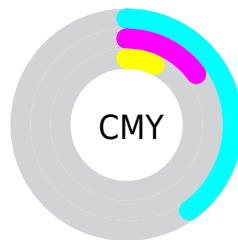
- Red (60%)
- Green (85%)
- Blue (93%)



- Red (60%)
- Yellow (74%)
- Blue (93%)



- Cyan (36%)
- Magenta (8%)
- Yellow (0%)
- Black (7%)



- Cyan (40%)
- Magenta (15%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 98D8EC 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 98D8EC by changing the saturation by 10% instead.



■ 98D8EC

■ 98D8EC

FFFFFF

■ 7CBCD0

■ D1FFFF

■ 61A1B4

■ EEEFFF

■ 468799

■ 296D7F

■ 005566

■ 003E4E

■ 002837

■ 001322

■ 00000A

■ 98D8EC

■ 98D8EC

■ 80D2EC

■ B0DEEC

■ 69CDEC

■ C7E3EC

■ 51C7EC

■ DFE9EC

■ 3AC2EC

■ F6EEEC

■ 22BCEC

■ FFF4EC

■ 0AB6EC

■ FFFAEC

■ 00B4EC

■ FFFFEC

# Harmonies

## Analogous

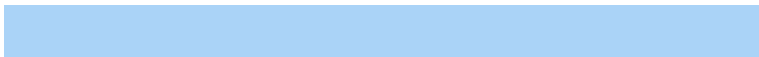
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96DAD9



98D8EC



AAD3F7

# Triad

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



98D8EC



F3C0D9



D2D1A6

# Complementary

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



98D8EC



ECAC98

# 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.



E7CAA6



98D8EC



FAC0C3

# Square

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



98D8EC



E0C5EB



F6C3B1



BAD6B1

# Rectangle

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



98D8EC



BCCEF8



F6C3B1



DACEA5

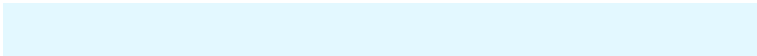


# Sweetspot

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



98D8EC



E3F8FF



98ECAC



6F7C80



000000



808080

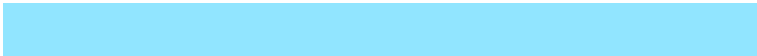


# Same Dimension

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



98D8EC



91E5FF



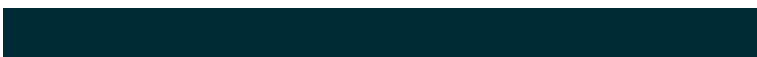
98AEEC



6A7375



008AB5



002936



# Inverse Universe

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



EC98D8



FF91E5



ECD698



756A73



B5008A

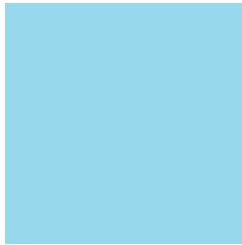


360029



# Previews

## White Background



This preview shows how the Hex color 98D8EC looks on a white background.

## Color Contrast Check

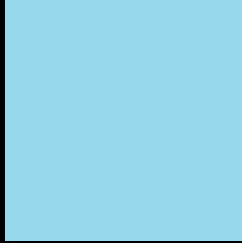
Large Text (above 18pt) WCAG AA × Fail

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 98D8EC 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 98D8EC Background



This preview shows how black text looks on a background with the Hex color 98D8EC.

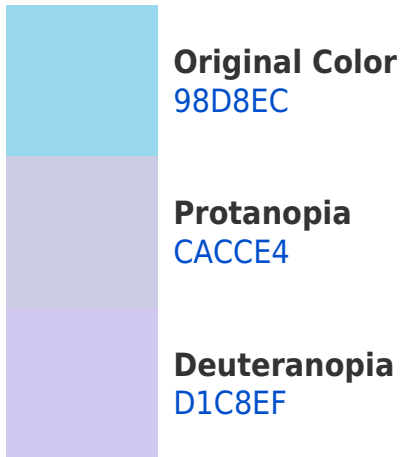


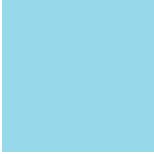
This preview shows how white text looks on a background with the Hex color 98D8EC.

# 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



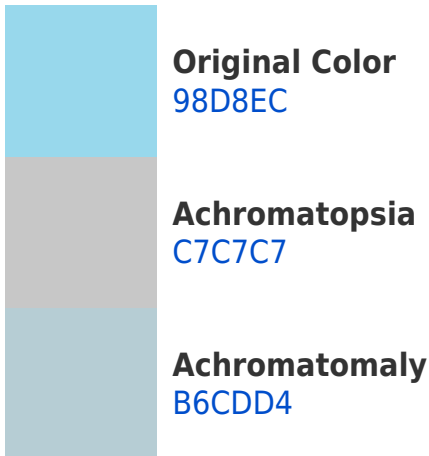


**Tritanopia**  
97D8EA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 98D8EC 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 #98D8EC looks like.

```
.text, #text, p{  
    color:#98D8EC  
}
```

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 #98D8EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98D8EC  
}
```

## Border

The CSS property to change the border of an element to Hex 98D8EC 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  
#98D8EC }
```

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

```
.border{ border-color:#98D8EC }
```

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

Here you see how a box with a 4 pixel #98D8EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98D8EC; -webkit-box-shadow:4px 4px  
4px 4px #98D8EC; box-shadow:4px 4px 4px  
4px #98D8EC }
```

# Background

The CSS property to change the background color of an element to Hex 98D8EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98D8EC }
```

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

```
.background{ background-color:#98D8EC }
```

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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