

# Converting Colors

Hex(98DDF1)

Have a look what the booklet for  
Hex(98DDF1) contains.

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# **Color**

**Hex(98DDF1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	98DDF1
RGB	152, 221, 241
RGB Percent	60%, 87%, 95%
CMY	0.4039, 0.1333, 0.0549
CMYK	0.37, 0.08, 0.00, 0.05
HSL	193°, 76%, 77%
HSV	193°, 37%, 95%
XYZ	54.6825, 64.7392, 92.8329
YIQ	202.6490, -47.5440, -8.4080

# Conversions

## Conversions Part 2

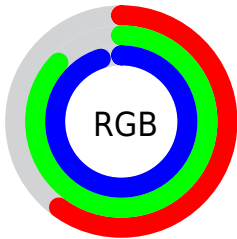
<b>Format</b>	<b>Color</b>
<b>RYB</b>	152, 191, 241
Decimal	10018289
CIELab	84.35, -16.69, -16.63
CIELCh	84, 23.558, 224.904
Yxy	64.7392, 0.2576, 0.3050
Android (android.graphics.Color)	4288208369 (0xFF98DDF1)
YUV	202.6490, 18.9070, -44.4192
Hunter-Lab	80.4607, -19.4943, -12.0844

# Details

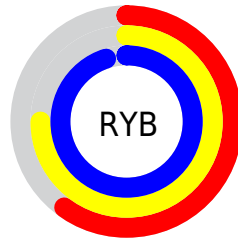
The Hex color **98DDF1** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **F1AC98**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **D1FFFF**, and **61A6B9** is the 20% darker color. If you saturate the color by 10%, you get **80D8F1**, and if you desaturate by 10%, it is **B0E2F1**.

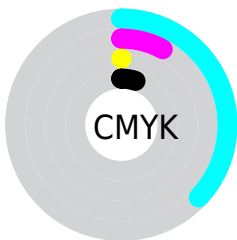
# Distribution



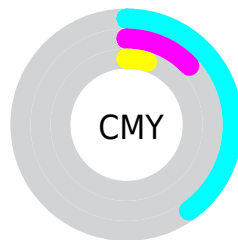
- Red (60%)
- Green (87%)
- Blue (95%)



- Red (60%)
- Yellow (75%)
- Blue (95%)



- Cyan (37%)
- Magenta (8%)
- Yellow (0%)
- Black (5%)



- Cyan (40%)
- Magenta (13%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 98DDF1 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 98DDF1 by changing the saturation by 10% instead.



 98DDF1

 98DDF1

FFFFFF

 7CC1D5

 D1FFFF

 61A6B9

 EEEFFF

 458B9E

 267284

 00596B

 004252

 002B3B

 001826

 000110

 98DDF1

 98DDF1

 80D8F1

 B0E2F1

 68D2F1

 C8E8F1

 50CDF1

 E0EDF1

 38C7F1

 F8F3F1

 1FC2F1

 FFF8F1

 07BDF1

 FFFDF1

 00BBF1

 FFFFF1

# Harmonies

## Analogous

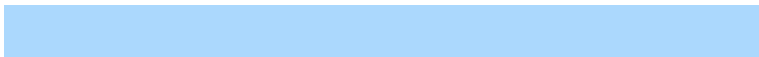
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



97DFDD



98DDF1



ABD8FD

# Triad

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



98DDF1



F8C4DF



D8D5A7

# Complementary

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



98DDF1



F1AC98

# 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.



EECDA8



98DDF1



FFC3C8

# Square

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



98DDF1



E4C9F2



FDC7B4



BFDBB3

# Rectangle

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



98DDF1



BED3FE



FDC7B4



E0D2A6

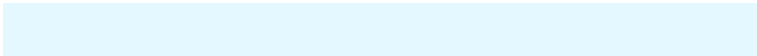


# Sweetspot

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



98DDF1



E3F9FF



98F1AB



6F7C80



000000



808080

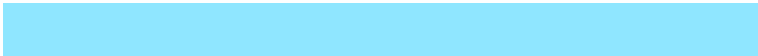


# Same Dimension

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



98DDF1



8FE6FF



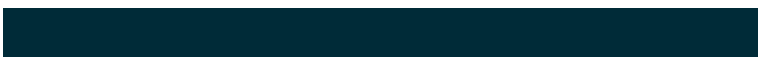
98B1F1



6C7578



008EB8



002B38



# Inverse Universe

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



F198DD



FF8FE6



F1D898



786C75



B8008E

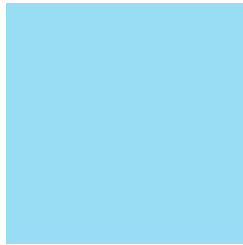


38002B



# Previews

## White Background



This preview shows how the Hex color 98DDF1 looks on a white background.

## Color Contrast Check

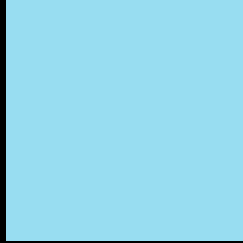
Large Text (above 18pt) WCAG AA × Fail

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 98DDF1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

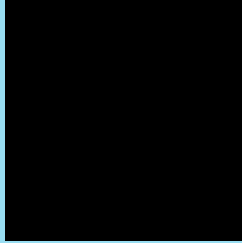
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 98DDF1 Background



This preview shows how black text looks on a background with the Hex color 98DDF1.

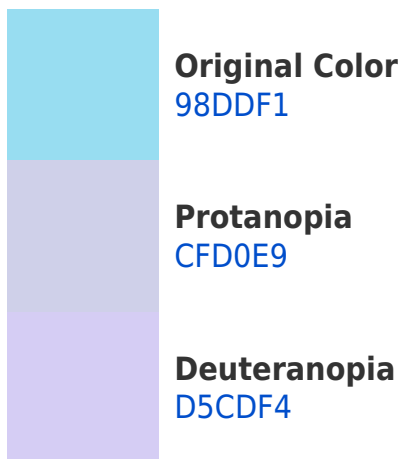


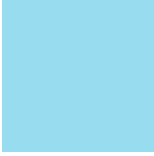
This preview shows how white text looks on a background with the Hex color 98DDF1.

# 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](#).

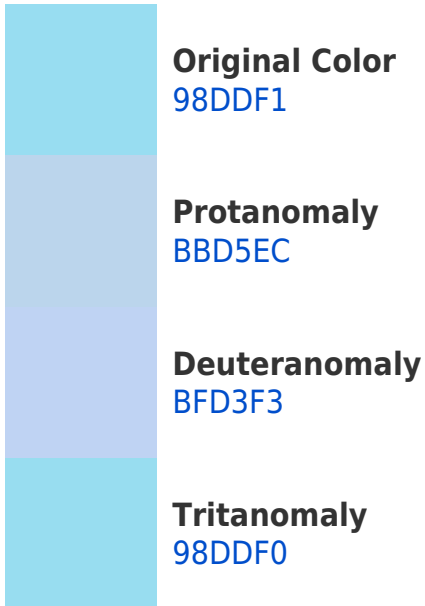
## Dichromacy



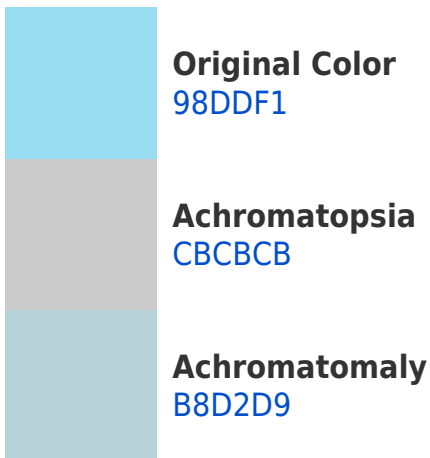


**Tritanopia**  
98DDEF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 98DDF1 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 #98DDF1 looks like.

```
.text, #text, p{  
    color:#98DDF1  
}
```

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 #98DDF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98DDF1
}
```

## Border

The CSS property to change the border of an element to Hex 98DDF1 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
#98DDF1 }
```

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

```
.border{ border-color:#98DDF1 }
```

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

Here you see how a box with a 4 pixel #98DDF1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98DDF1; -webkit-box-shadow:4px 4px  
4px 4px #98DDF1; box-shadow:4px 4px 4px  
4px #98DDF1 }
```

# Background

The CSS property to change the background color of an element to Hex 98DDF1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98DDF1 }
```

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

```
.background{ background-color:#98DDF1 }
```

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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