

# Converting Colors

Hex(98DDC9)

Have a look what the booklet for  
Hex(98DDC9) contains.

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# **Color**

**Hex(98DDC9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	98DDC9
RGB	152, 221, 201
RGB Percent	60%, 87%, 79%
CMY	0.4039, 0.1333, 0.2118
CMYK	0.31, 0.00, 0.09, 0.13
HSL	163°, 50%, 73%
HSV	163°, 31%, 87%
XYZ	49.3480, 62.6053, 64.7415
YIQ	198.0890, -34.7040, -20.8480

# Conversions

## Conversions Part 2

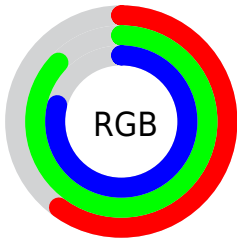
<b>Format</b>	<b>Color</b>
<b>RYB</b>	152, 192, 221
Decimal	10018249
CIELab	83.23, -25.87, 2.91
CIELCh	83, 26.033, 173.571
Yxy	62.6053, 0.2793, 0.3543
Android (android.graphics.Color)	4288208329 (0xFF98DDC9)
YUV	198.0890, 1.4351, -40.4201
Hunter-Lab	79.1235, -27.1389, 6.8735

# Details

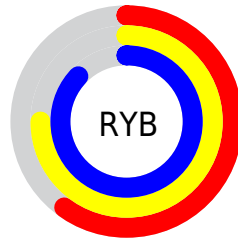
The Hex color **98DDC9** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DD98AC**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **D0FFFF**, and **62A693** is the 20% darker color. If you saturate the color by 10%, you get **82DDC3**, and if you desaturate by 10%, it is **AEDDCF**.

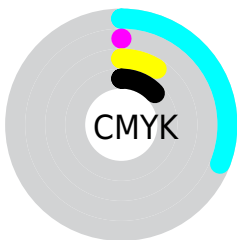
# Distribution



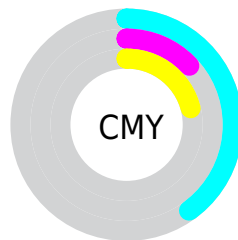
- Red (60%)
- Green (87%)
- Blue (79%)



- Red (60%)
- Yellow (75%)
- Blue (87%)



- Cyan (31%)
- Magenta (0%)
- Yellow (9%)
- Black (13%)



- Cyan (40%)
- Magenta (13%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 98DDC9 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 98DDC9 by changing the saturation by 10% instead.



 98DDC9

FFFFFF

 D0FFFF

 EDFFFF

 98DDC9

 7DC1AE

 62A693

 488B79

 2D7161

 0E5949

 004132

 002A1D

 001404

 000000

 98DDC9

 98DDC9

 82DDC3

 AEDDCF

 6CDDBC

 C4DDD6

 56DDB6

 DADDDC

 40DDAF

 F0DDE3

 2ADDA9

 FFDDE9

 13DDA3

 FFDDEF

 00DD9D

 FFDDF6

 FFDDFC

 FFDDFF

# Harmonies

## Analogous

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



B1DAB2



98DDC9



8ADDE2

# Triad

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



98DDC9



CDCBFC



FAC4A9

# Complementary

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



98DDC9



DD98AC

# 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.



FFBFBD



98DDC9



EAC3ED

# Square

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



98DDC9



ABD3FF



FDBED6



E7CC9F

# Rectangle

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



98DDC9



8CDBF0



FDBED6



FEC2AF

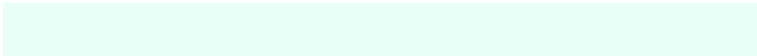


# Sweetspot

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



98DDC9



E8FFF8



ADDD98



71807B



000000



808080

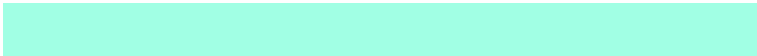


# Same Dimension

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



98DDC9



A1FFE4



98CFDD



636E6A



00AD7B



002E21



# Inverse Universe

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



DD98AC



FFA1BC



DDA698



6E6366



AD0032

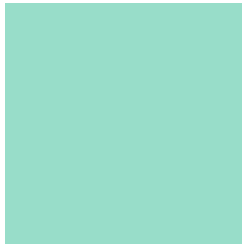


2E000D



# Previews

## White Background



This preview shows how the Hex color 98DDC9 looks on a white background.

## Color Contrast Check

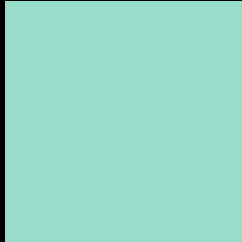
Large Text (above 18pt) WCAG AA × Fail

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 98DDC9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

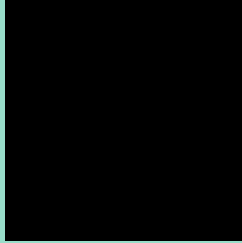
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

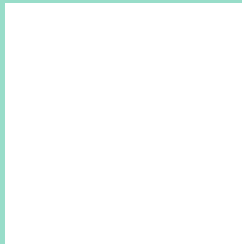
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 98DDC9 Background



This preview shows how black text looks on a background with the Hex color 98DDC9.

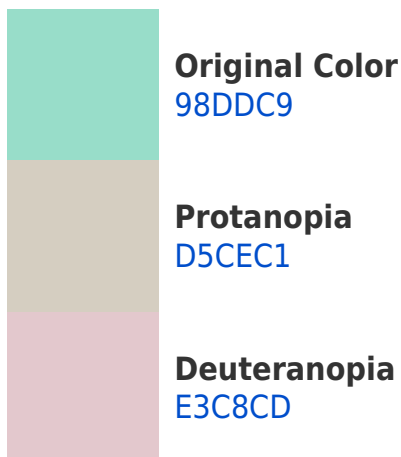


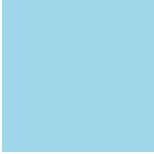
This preview shows how white text looks on a background with the Hex color 98DDC9.

# 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](#).

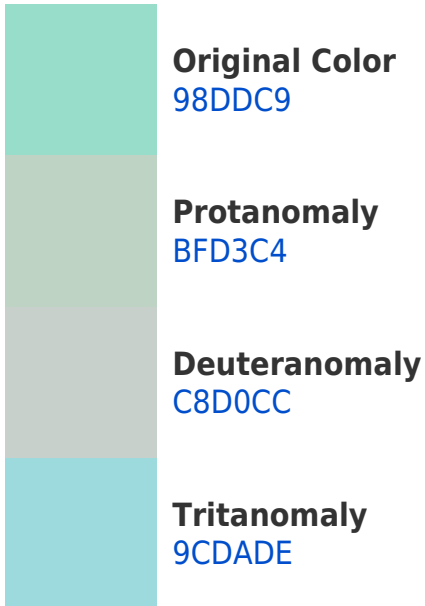
## Dichromacy



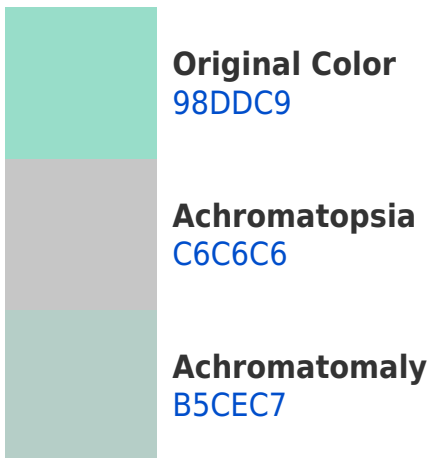


**Tritanopia**  
9FD8EA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 98DDC9 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 #98DDC9 looks like.

```
.text, #text, p{  
    color:#98DDC9  
}
```

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 #98DDC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98DDC9
}
```

## Border

The CSS property to change the border of an element to Hex 98DDC9 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
#98DDC9 }
```

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

```
.border{ border-color:#98DDC9 }
```

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

Here you see how a box with a 4 pixel #98DDC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98DDC9; -webkit-box-shadow:4px 4px  
4px 4px #98DDC9; box-shadow:4px 4px 4px  
4px #98DDC9 }
```

# Background

The CSS property to change the background color of an element to Hex 98DDC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98DDC9 }
```

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

```
.background{ background-color:#98DDC9 }
```

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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