

# Converting Colors

Hex(98D4CC)

Have a look what the booklet for  
Hex(98D4CC) contains.

<b>Hex(98D4CC)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(98D4CC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	98D4CC
RGB	152, 212, 204
RGB Percent	60%, 83%, 80%
CMY	0.4039, 0.1686, 0.2000
CMYK	0.28, 0.00, 0.04, 0.17
HSL	172°, 41%, 71%
HSV	172°, 28%, 83%
XYZ	47.3915, 58.1220, 65.8476
YIQ	193.1480, -33.1920, -15.2080

# Conversions

## Conversions Part 2

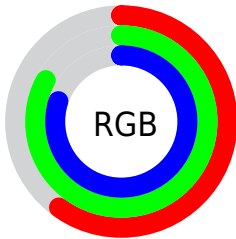
Format	Color
R <sub>YB</sub>	152, 184, 212
Decimal	10015948
CIE Lab	80.81, -20.79, -2.22
CIE LCh	81, 20.906, 186.104
Yxy	58.1220, 0.2766, 0.3392
Android (android.graphics.Color)	4288206028 (0xFF98D4CC)
YUV	193.1480, 5.3500, -36.0868
Hunter-Lab	76.2378, -22.4557, 2.1569

# Details

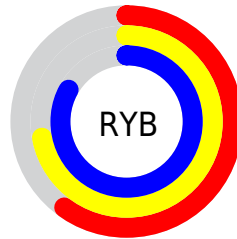
The Hex color **98D4CC** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D498A0**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **D0FFFF**, and **639D96** is the 20% darker color. If you saturate the color by 10%, you get **83D4C9**, and if you desaturate by 10%, it is **ADD4CF**.

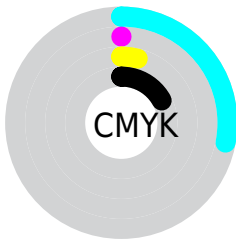
# Distribution



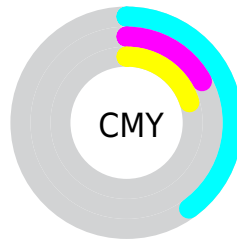
- Red (60%)
- Green (83%)
- Blue (80%)



- Red (60%)
- Yellow (72%)
- Blue (83%)



- Cyan (28%)
- Magenta (0%)
- Yellow (4%)
- Black (17%)



- Cyan (40%)
- Magenta (17%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 98D4CC 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 98D4CC by changing the saturation by 10% instead.



 98D4CC

 98D4CC

FFFFFF

 7DB8B1

 D0FFFF

 639D96

 ECFFFF

 49837C

 2F6A63

 13514B

 003A35

 002420

 000608

 000000

 98D4CC

 98D4CC

 83D4C9

 ADD4CF

 6ED4C6

 C2D4D2

 58D4C4

 D8D4D4

 43D4C1

 EDD4D7

 2ED4BE

 FFD4DA

 19D4BB

 FFD4DD

 04D4B8

 FFD4E0

 00D4B8

 FFD4E3

 FFD4E5

# Harmonies

## Analogous

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



A8D2B8



98D4CC



94D3DF

# Triad

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



98D4CC



D1C2E8



E6C2A5

# Complementary

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



98D4CC



D498A0

# 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.



F0BDB2



98D4CC



E6BDD9

# Square

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



98D4CC



B8C9EF



F0BBC5



D4C9A2

# Rectangle

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



98D4CC



9BD0E8



F0BBC5



EAC0A9



# Sweetspot

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



98D4CC



EBFFFC



A0D498



73807E



000000



808080

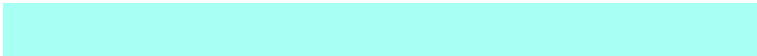


# Same Dimension

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



98D4CC



A8FFF3



98BED4



606B6A



00AB94



002B26



# Inverse Universe

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



D498A0



FFA8B4



D4AE98



6B6062



AB0017



2B0006



# Previews

## White Background



This preview shows how the Hex color 98D4CC looks on a white background.

## Color Contrast Check

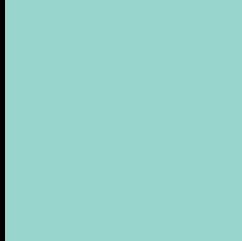
Large Text (above 18pt) WCAG AA × Fail

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 98D4CC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

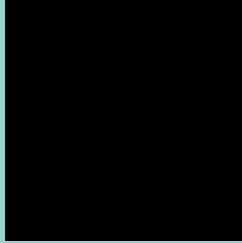
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

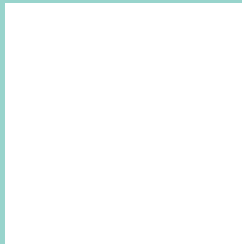
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 98D4CC Background



This preview shows how black text looks on a background with the Hex color 98D4CC.

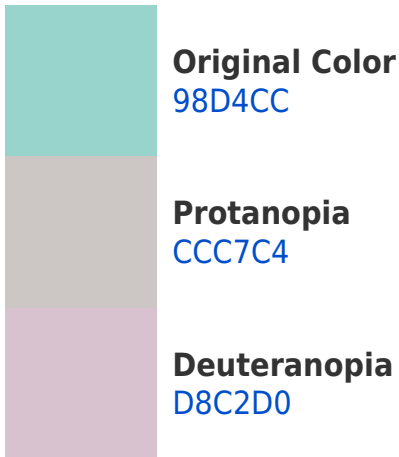


This preview shows how white text looks on a background with the Hex color 98D4CC.

# 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



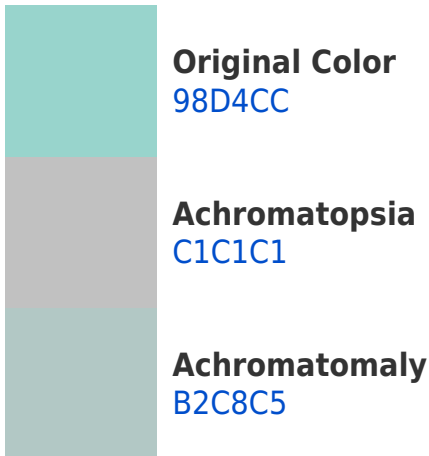


**Tritanopia**  
9DD1E1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 98D4CC 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 #98D4CC looks like.

```
.text, #text, p{  
    color:#98D4CC  
}
```

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 #98D4CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98D4CC  
}
```

## Border

The CSS property to change the border of an element to Hex 98D4CC 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  
#98D4CC }
```

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

```
.border{ border-color:#98D4CC }
```

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

Here you see how a box with a 4 pixel #98D4CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98D4CC; -webkit-box-shadow:4px 4px  
4px 4px #98D4CC; box-shadow:4px 4px 4px  
4px #98D4CC }
```

# Background

The CSS property to change the background color of an element to Hex 98D4CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98D4CC }
```

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

```
.background{ background-color:#98D4CC }
```

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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