

Converting Colors

Hex(98D7DE)

Have a look what the booklet for
Hex(98D7DE) contains.

Hex(98D7DE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(98D7DE)

Conversions

Conversions Part 1

Format	Color
Hex	98D7DE
RGB	152, 215, 222
RGB Percent	60%, 84%, 87%
CMY	0.4039, 0.1569, 0.1294
CMYK	0.32, 0.03, 0.00, 0.13
HSL	186°, 51%, 73%
HSV	186°, 32%, 87%
XYZ	50.4341, 60.5502, 78.1364
YIQ	196.9610, -39.7950, -11.1790

Conversions

Conversions Part 2

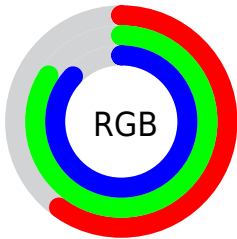
Format	Color
RYB	152, 185, 222
Decimal	10016734
CIELab	82.14, -18.21, -9.86
CIELCh	82, 20.706, 208.429
Yxy	60.5502, 0.2667, 0.3202
Android (android.graphics.Color)	4288206814 (0xFF98D7DE)
YUV	196.9610, 12.3442, -39.4308
Hunter-Lab	77.8140, -20.4820, -5.0659

Details

The Hex color **98D7DE** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DE9F98**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **D0FFFF**, and **62A0A7** is the 20% darker color. If you saturate the color by 10%, you get **82D5DE**, and if you desaturate by 10%, it is **AED9DE**.

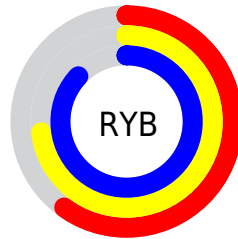
Distribution



Red (60%)

Green (84%)

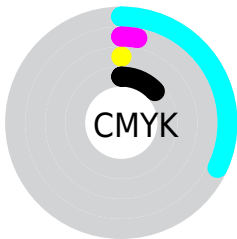
Blue (87%)



Red (60%)

Yellow (73%)

Blue (87%)

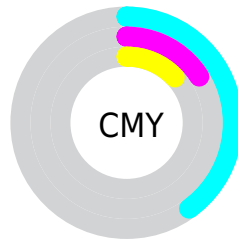


Cyan (32%)

Magenta (3%)

Yellow (0%)

Black (13%)



Cyan (40%)

Magenta (16%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 98D7DE 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 98D7DE by changing the saturation by 10% instead.

 98D7DE

 98D7DE

FFFFFF

 7DBBC2

 D0FFFF

 62A0A7

 EDFFFF

 47868D

 2C6C73

 0A545B

 003D43

 00262D

 000F19

 000000

 98D7DE

 98D7DE

 82D5DE

 AED9DE

 6CD3DE

 C4DBDE

 55D0DE

 DBDEDE

 3FCEDE

 F1E0DE

 29CCDE

 FFE2DE

 13CADE

 FFE4DE

 00C8DE

 FFE7DE

 FFE9DE

 FFE8DE

Harmonies

Analogous

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



9FD8CB



98D7DE



A0D4ED

Triad

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



98D7DE



E5C2E1



DDCBA6

Complementary

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



98D7DE



DE9F98

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.



EDC4AC



98D7DE



F2BFCE

Square

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



98D7DE



CFC8EE



F5C0BB



C7D1AA

Rectangle

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



98D7DE



ADD0F2



F5C0BB



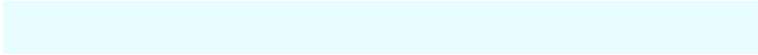
E3C8A7

Sweetspot

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



98D7DE



E8FDFF



98DE9F



717E80



000000



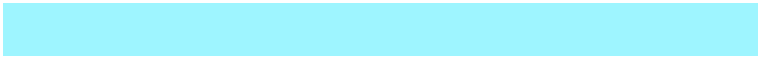
808080

Same Dimension

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



98D7DE



9EF5FF



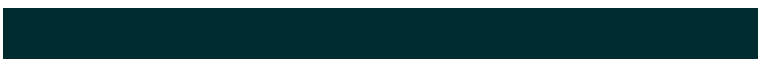
98B4DE



656F70



009EB0



002C30

Inverse Universe

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



DE98D7



FF9EF5



DEC298



70656F



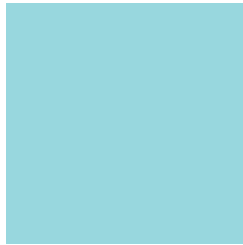
B0009E



30002C

Previews

White Background



This preview shows how the Hex color 98D7DE looks on a white background.

Color Contrast Check

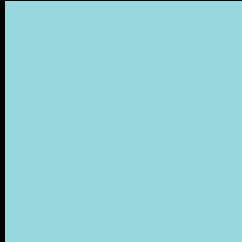
Large Text (above 18pt) WCAG AA × Fail

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 98D7DE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

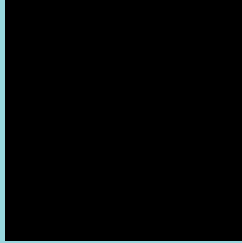
Any Text WCAG AA ✓ Pass

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 98D7DE Background



This preview shows how black text looks on a background with the Hex color 98D7DE.

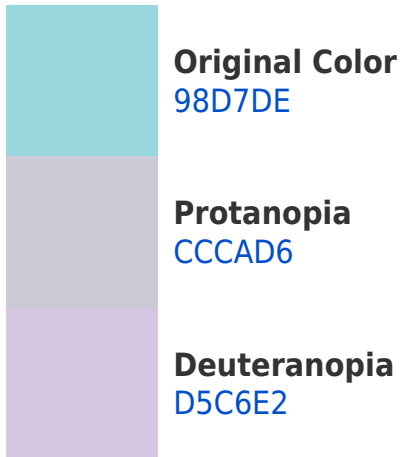


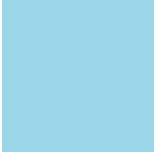
This preview shows how white text looks on a background with the Hex color 98D7DE.

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](#).

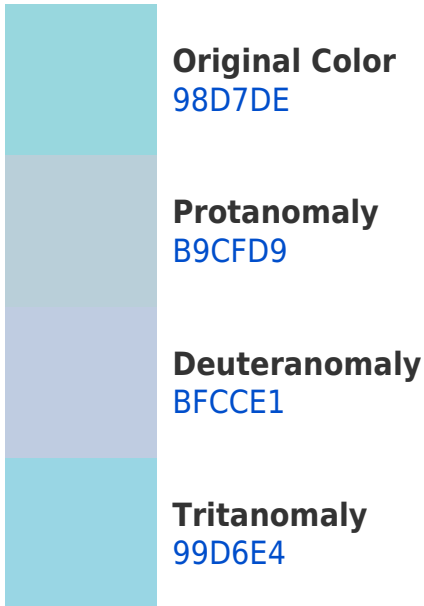
Dichromacy



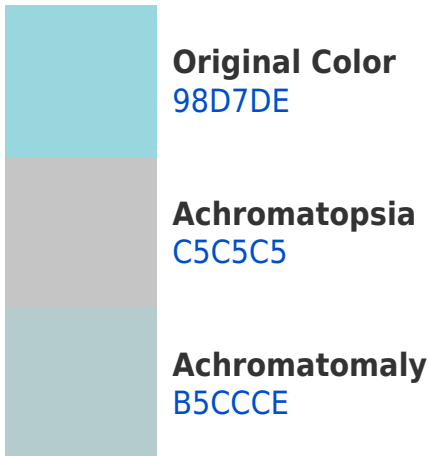


Tritanopia
9AD6E7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 98D7DE 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 #98D7DE looks like.

```
.text, #text, p{  
    color:#98D7DE  
}
```

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 #98D7DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98D7DE
}
```

Border

The CSS property to change the border of an element to Hex 98D7DE 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
#98D7DE }
```

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

```
.border{ border-color:#98D7DE }
```

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

Here you see how a box with a 4 pixel #98D7DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98D7DE; -webkit-box-shadow:4px 4px  
4px 4px #98D7DE; box-shadow:4px 4px 4px  
4px #98D7DE }
```

Background

The CSS property to change the background color of an element to Hex 98D7DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98D7DE }
```

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

```
.background{ background-color:#98D7DE }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor