

Converting Colors

Hex(98DCEB)

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

Hex(98DCEB)	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(98DCEB)

Conversions

Conversions Part 1

Format	Color
Hex	98DCEB
RGB	152, 220, 235
RGB Percent	60%, 86%, 92%
CMY	0.4039, 0.1373, 0.0784
CMYK	0.35, 0.06, 0.00, 0.08
HSL	191°, 67%, 76%
HSV	191°, 35%, 92%
XYZ	53.5375, 63.8600, 88.1017
YIQ	201.3780, -45.3430, -9.7510

Conversions

Conversions Part 2

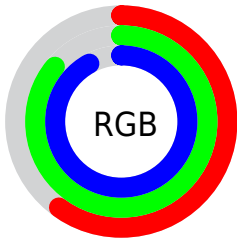
Format	Color
RYB	152, 189, 235
Decimal	10018027
CIELab	83.89, -17.64, -14.14
CIELCh	84, 22.609, 218.710
Yxy	63.8600, 0.2605, 0.3108
Android (android.graphics.Color)	4288208107 (0xFF98DCEB)
YUV	201.3780, 16.5756, -43.3045
Hunter-Lab	79.9124, -20.2603, -9.4273

Details

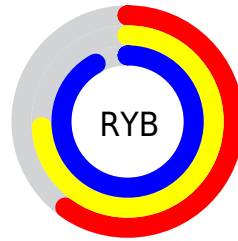
The Hex color **98DCEB** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **EBA798**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **D1FFFF**, and **61A5B3** is the 20% darker color. If you saturate the color by 10%, you get **81D8EB**, and if you desaturate by 10%, it is **B0E0EB**.

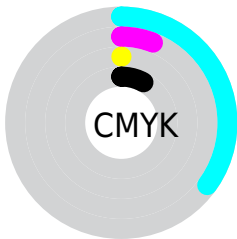
Distribution



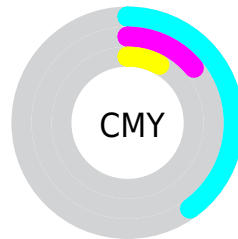
- Red (60%)
- Green (86%)
- Blue (92%)



- Red (60%)
- Yellow (74%)
- Blue (92%)



- Cyan (35%)
- Magenta (6%)
- Yellow (0%)
- Black (8%)



- Cyan (40%)
- Magenta (14%)
- Yellow (8%)

Brightness & Saturation Gradients

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

 98DCEB

 98DCEB

FFFFFF

 7CC0CF

 D1FFFF

 61A5B3

 EEEFFF

 458A98

 28717F

 005866

 00414E

 002A37

 001721

 000009

98DCEB

98DCEB

81D8EB

B0E0EB

69D4EB

C7E4EB

52CFEB

DFE9EB

3ACBEB

F6EDEB

23C7EB

FFF1EB

0BC3EB

FFF5EB

00C1EB

FFFAEB

FFFEEB

FFFFEB

Harmonies

Analogous

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



9BDED7



98DCEB



A7D8F8

Triad

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



98DCEB



F2C4E1



DBD2A7

Complementary

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



98DCEB



EBA798

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.



EFCBAA



98DCEB



FDC2CC

Square

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



98DCEB



DDCAF2



FBC5B7



C3D8B0

Rectangle

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



98DCEB



B8D3FB



FBC5B7



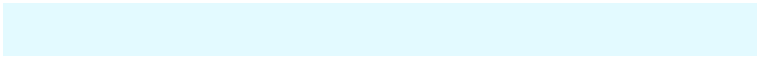
E3CFA7

Sweetspot

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



98DCEB



E3FAFF



98EBA6



6F7D80



000000



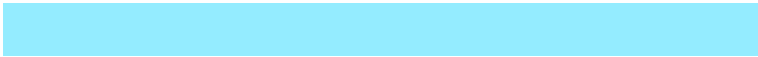
808080

Same Dimension

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



98DCEB



94ECFF



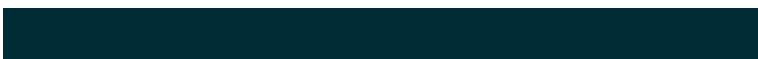
98B4EB



6A7375



0094B5



002C36

Inverse Universe

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



EB98DC



FF94EC



EBCF98



756A73



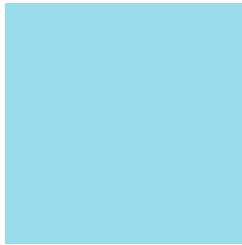
B50094



36002C

Previews

White Background



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

Color Contrast Check

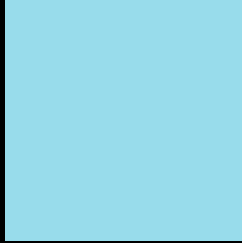
Large Text (above 18pt) WCAG AA × Fail

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 98DCEB 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 98DCEB Background



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



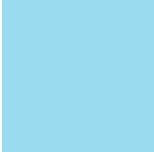
This preview shows how white text looks on a background with the Hex color 98DCEB.

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](#).

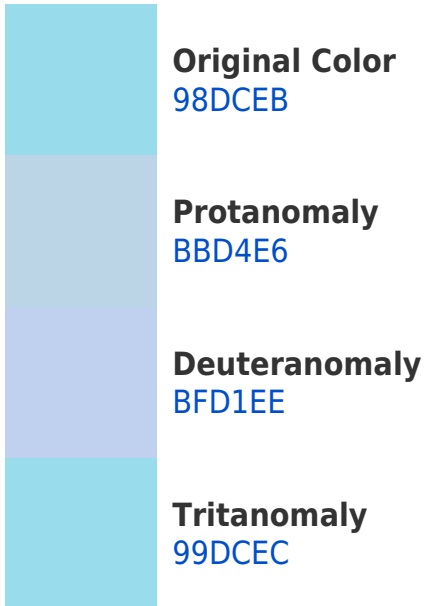
Dichromacy



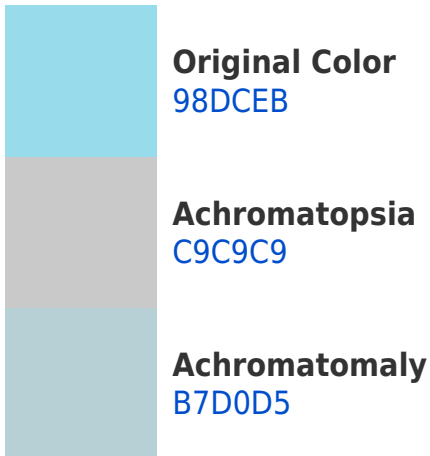


Tritanopia
99DCED

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #98DCEB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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