

Converting Colors

Hex(98BEE1)

Have a look what the booklet for
Hex(98BEE1) contains.

Hex(98BEE1)	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(98BEE1)

Conversions

Conversions Part 1

Format	Color
Hex	98BEE1
RGB	152, 190, 225
RGB Percent	60%, 75%, 88%
CMY	0.4039, 0.2549, 0.1176
CMYK	0.32, 0.16, 0.00, 0.12
HSL	209°, 55%, 74%
HSV	209°, 32%, 88%
XYZ	44.9530, 48.9386, 78.3110
YIQ	182.6280, -33.8830, 2.8290

Conversions

Conversions Part 2

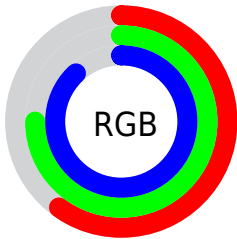
Format	Color
R _Y B	152, 177, 225
Decimal	10010337
CIE Lab	75.41, -4.46, -21.58
CIE LCh	75, 22.039, 258.325
Yxy	48.9386, 0.2610, 0.2842
Android (android.graphics.Color)	4288200417 (0xFF98BEE1)
YUV	182.6280, 20.8894, -26.8608
Hunter-Lab	69.9561, -7.7212, -17.4018

Details

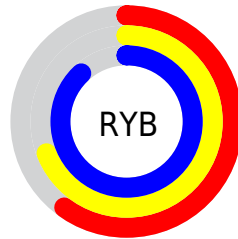
The Hex color **98BEE1** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E1BB98**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **D0F6FF**, and **6389AA** is the 20% darker color. If you saturate the color by 10%, you get **82B3E1**, and if you desaturate by 10%, it is **AFC9E1**.

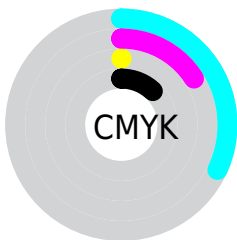
Distribution



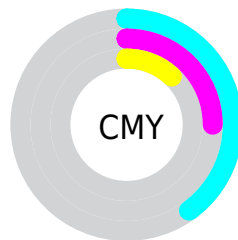
- Red (60%)
- Green (75%)
- Blue (88%)



- Red (60%)
- Yellow (69%)
- Blue (88%)



- Cyan (32%)
- Magenta (16%)
- Yellow (0%)
- Black (12%)



- Cyan (40%)
- Magenta (25%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 98BEE1 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 98BEE1 by changing the saturation by 10% instead.

■ 98BEE1

■ 98BEE1

FFFFFF

■ 7DA3C5

■ D0F6FF

■ 6389AA

■ EDFFFF

■ 486F8F

■ 2E5775

■ 11405D

■ 002A45

■ 00162E

■ 00011A

■ 000000

■ 98BEE1

■ 98BEE1

■ 82B3E1

■ AFC9E1

■ 6BA8E1

■ C5D4E1

■ 559EE1

■ DCDEE1

■ 3E93E1

■ F2E9E1

■ 2888E1

■ FFF4E1

■ 117DE1

■ FFFFE1

■ 0075E1

Harmonies

Analogous

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



85C3D7



98BEE1



B3B7E0

Triad

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



98BEE1



E4ACAE



A5C29E

Complementary

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



98BEE1



E1BB98

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.



BCBC93



98BEE1



DFAF9C

Square

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



98BEE1



DEACC3



D1B692



90C5B1

Rectangle

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



98BEE1



C4B3DA



D1B692



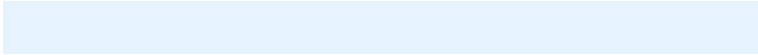
ADC09A

Sweetspot

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



98BEE1



E6F3FF



98E1BA



707880



000000



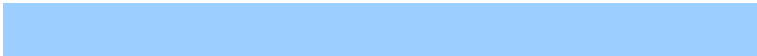
808080

Same Dimension

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



98BEE1



9CCFFF



989AE1



656B70



005CB0



001930

Inverse Universe

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



E198BE



FF9CCF



E1DF98



70656B



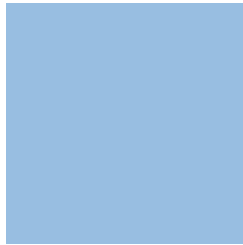
B0005C



300019

Previews

White Background



This preview shows how the Hex color 98BEE1 looks on a white background.

Color Contrast Check

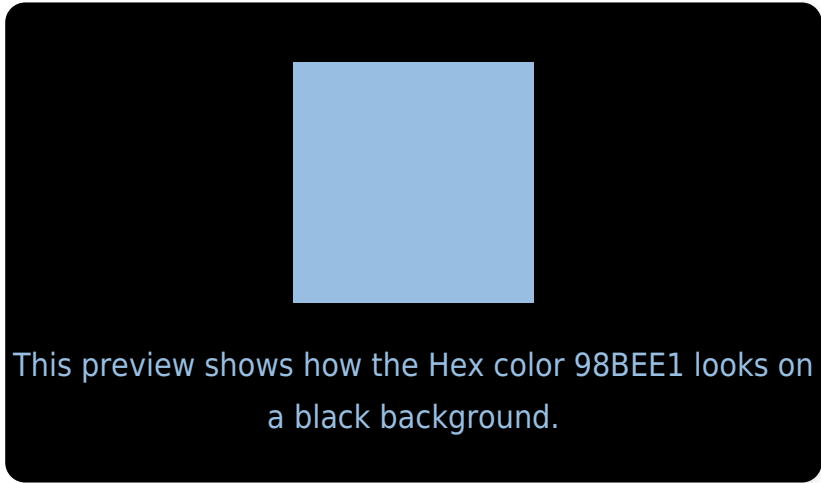
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

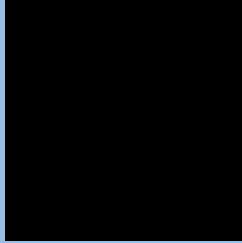
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

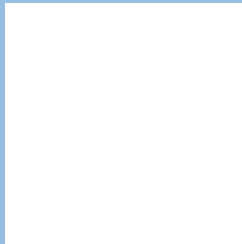
Any Text WCAG AAA ✓ Pass

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

Hex 98BEE1 Background



This preview shows how black text looks on a background with the Hex color 98BEE1.

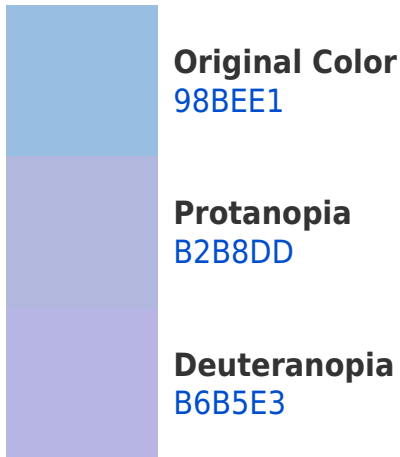


This preview shows how white text looks on a background with the Hex color 98BEE1.

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](#).

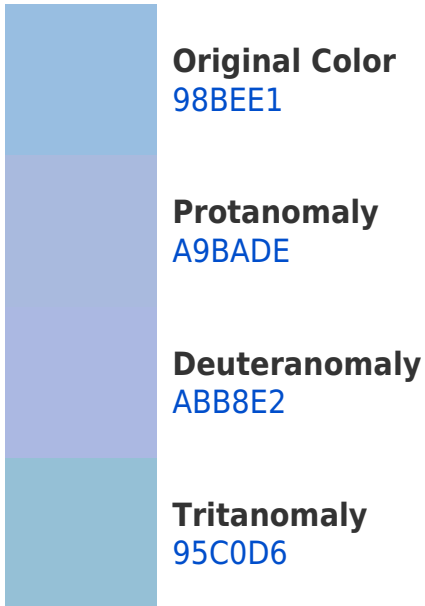
Dichromacy



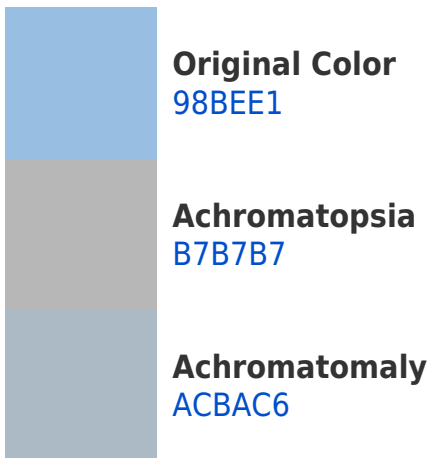


Tritanopia
94C1D0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 98BEE1 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 #98BEE1 looks like.

```
.text, #text, p{  
    color:#98BEE1  
}
```

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 #98BEE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98BEE1  
}
```

Border

The CSS property to change the border of an element to Hex 98BEE1 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  
#98BEE1 }
```

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

```
.border{ border-color:#98BEE1 }
```

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

Here you see how a box with a 4 pixel #98BEE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98BEE1; -webkit-box-shadow:4px 4px  
4px 4px #98BEE1; box-shadow:4px 4px 4px  
4px #98BEE1 }
```

Background

The CSS property to change the background color of an element to Hex 98BEE1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98BEE1 }
```

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

```
.background{ background-color:#98BEE1 }
```

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