

# Converting Colors

Hex(9FCEEB)

Have a look what the booklet for  
Hex(9FCEE B) contains.

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# **Color**

**Hex(9FCEEB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9FCEEB
RGB	159, 206, 235
RGB Percent	62%, 81%, 92%
CMY	0.3765, 0.1922, 0.0784
CMYK	0.32, 0.12, 0.00, 0.08
HSL	203°, 66%, 77%
HSV	203°, 32%, 92%
XYZ	51.3648, 57.5117, 86.9909
YIQ	195.2530, -37.3210, -0.9450

# Conversions

## Conversions Part 2

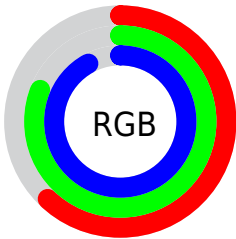
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	159, 188, 235
Decimal	10473195
CIE Lab	80.47, -8.54, -19.26
CIE LCh	80, 21.067, 246.094
Yxy	57.5117, 0.2622, 0.2936
Android (android.graphics.Color)	4288663275 (0xFF9FCEEB)
YUV	195.2530, 19.5953, -31.7939
Hunter-Lab	75.8365, -11.8140, -14.9252

# Details

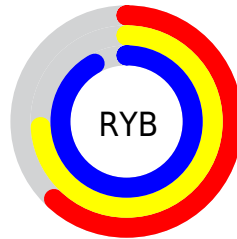
The Hex color **9FCEE8** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **EBBC9F**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **D7FFFF**, and **6998B3** is the 20% darker color. If you saturate the color by 10%, you get **88C5EB**, and if you desaturate by 10%, it is **B7D7EB**.

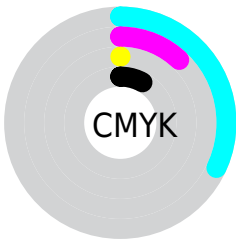
# Distribution



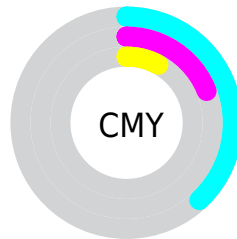
- Red (62%)
- Green (81%)
- Blue (92%)



- Red (62%)
- Yellow (74%)
- Blue (92%)



- Cyan (32%)
- Magenta (12%)
- Yellow (0%)
- Black (8%)



- Cyan (38%)
- Magenta (19%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9FCEEB 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 9FCEEB by changing the saturation by 10% instead.



 9FCEEB

 9FCEEB

FFFFFF

 84B3CF

 D7FFFF

 6998B3

 F4FFFF

 4F7E98

 34657E

 174D65

 00364D

 002136

 000521

 000007

■ 9FCEEB

■ 9FCEEB

■ 88C5EB

■ B7D7EB

■ 70BCEB

■ CEE0EB

■ 59B3EB

■ E6E9EB

■ 41AAEB

■ FDF2EB

■ 2AA1EB

■ FFFBEB

■ 1298EB

■ FFFFEB

■ 0091EB

# Harmonies

## Analogous

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



93D2DE



9FCEEB



B6C8EE

# Triad

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



9FCEE8



F0BAC4



BDCEA8

# Complementary

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



9FCEE8



E89F4F

# 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.



D3C8A1



9FCEEB



EFBCB1

# Square

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



9FCEE8



E5BCD8



E5C1A4



A7D2B7

# Rectangle

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



9FCEEB



C8C4EB



E5C1A4



C4CCA4

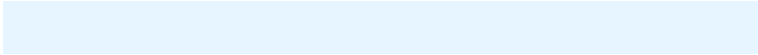


# Sweetspot

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



9FCEEB



E6F5FF



9FEBBB



707A80



000000



808080

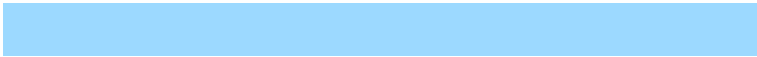


# Same Dimension

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



9FCEEB



9CD9FF



9FA9EB



6A7175



0070B5



002136



# Inverse Universe

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



EB9FCE



FF9CD9



EBE19F



756A71



B50070

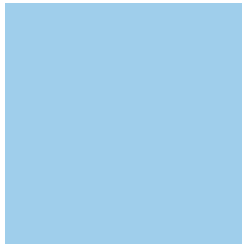


360021



# Previews

## White Background



This preview shows how the Hex color 9FCEEB looks on a white background.

## Color Contrast Check

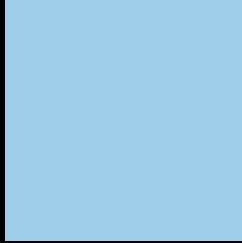
Large Text (above 18pt) WCAG AA × Fail

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 9FCEEB 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 9FCEEB Background



This preview shows how black text looks on a background with the Hex color 9FCEEB.

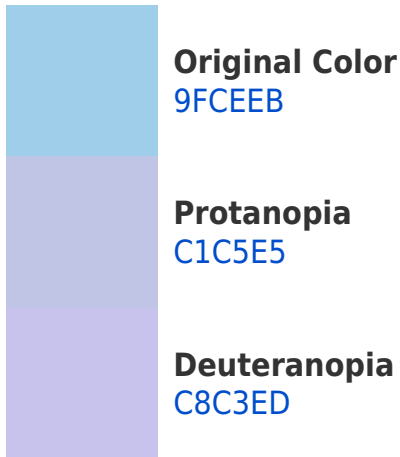


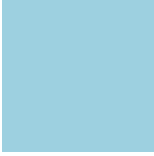
This preview shows how white text looks on a background with the Hex color 9FCEEB.

# 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](#).

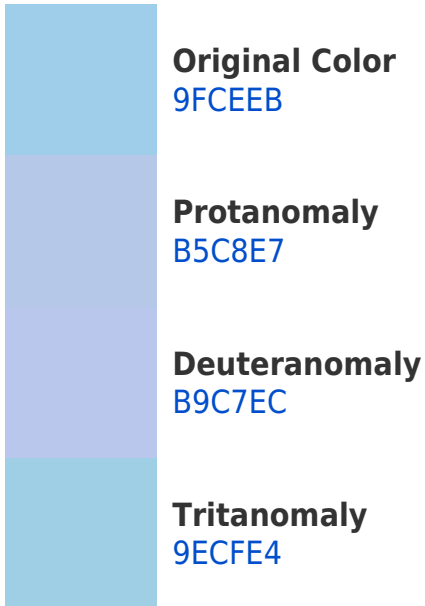
## Dichromacy



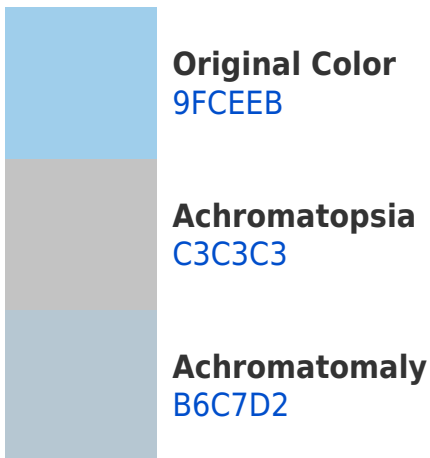


**Tritanopia**  
9DD0E0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9FCEE8 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 #9FCEE8 looks like.

```
.text, #text, p{  
    color:#9FCEE8  
}
```

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 #9FCEEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FCEEB
}
```

## Border

The CSS property to change the border of an element to Hex 9FCEEB 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
#9FCEEB }
```

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

```
.border{ border-color:#9FCEEB }
```

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

Here you see how a box with a 4 pixel #9FCEEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FCEEB; -webkit-box-shadow:4px 4px  
4px 4px #9FCEEB; box-shadow:4px 4px 4px  
4px #9FCEEB }
```

# Background

The CSS property to change the background color of an element to Hex 9FCEEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FCEEB }
```

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

```
.background{ background-color:#9FCEEB }
```

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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