

# Converting Colors

Hex(9FCE8)

Have a look what the booklet for  
Hex(9FECE8) contains.

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# **Color**

**Hex(9FCE8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9FCECE8
RGB	159, 236, 232
RGB Percent	62%, 93%, 91%
CMY	0.3765, 0.0745, 0.0902
CMYK	0.33, 0.00, 0.02, 0.07
HSL	177°, 67%, 77%
HSV	177°, 33%, 93%
XYZ	58.8590, 73.1880, 87.3684
YIQ	212.5210, -44.6080, -17.5680

# Conversions

## Conversions Part 2

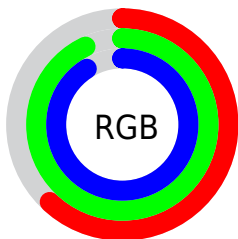
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	159, 199, 236
Decimal	10480872
CIE <sub>Lab</sub>	88.54, -24.41, -5.61
CIE <sub>LCh</sub>	89, 25.047, 192.949
Yxy	73.1880, 0.2683, 0.3336
Android (android.graphics.Color)	4288670952 (0xFF9FCE8)
YUV	212.5210, 9.6031, -46.9379
Hunter-Lab	85.5500, -26.9032, -0.6653

# Details

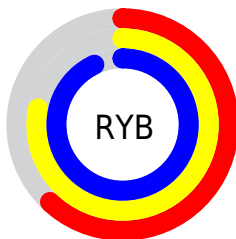
The Hex color **9FECE8** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **EC9FA3**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **D8FFFF**, and **68B4B0** is the 20% darker color. If you saturate the color by 10%, you get **87ECE7**, and if you desaturate by 10%, it is **B7ECE9**.

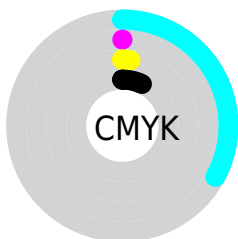
# Distribution



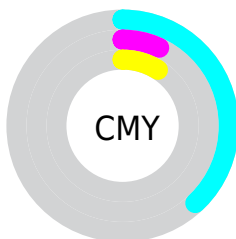
- Red (62%)
- Green (93%)
- Blue (91%)



- Red (62%)
- Yellow (78%)
- Blue (93%)



- Cyan (33%)
- Magenta (0%)
- Yellow (2%)
- Black (7%)



- Cyan (38%)
- Magenta (7%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9FECE8 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 9FECE8 by changing the saturation by 10% instead.



 9FECE8

FFFFFF

 D8FFFF

 F5FFFF

 9FECE8

 83D0CC

 68B4B0

 4C9996

 307F7C

 0B6663

 004D4B

 003635

 00211F

 000008

 9FCE8

 9FCE8

 87ECE7

 B7ECE9

 70ECE6

 CEECEA

 58ECE4

 E6ECEC

 41ECE3

 FDECED

 29ECE2

 FFECEE

 11ECE1

 FFECEF

 00ECE0

 FFECF1

 FFECF2

 FFECF3

# Harmonies

## Analogous

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



B1EBCF



9FCE8



9EEAFE

# Triad

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



9FCE8



EFD5FF



FDD8B1

# Complementary

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



9FCE8



EC9FA3

# 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.



FFD1BF



9FECE8



FFCFED

# Square

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



9FCE8



D0DDFF



FFCDD5



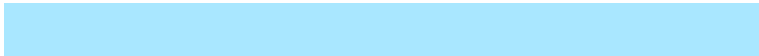
E6E0B0

# Rectangle

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



9FCE8



A9E7FF



FFCDD5



FFD5B4



# Sweetspot

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



9FECE8



E6FFFE



A4EC9F



70807F



000000



808080



# Same Dimension

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



9FECE8



9CFFFA



9FCBEC



6A7575



00B5AC



003633



# Inverse Universe

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



EC9FA3



FF9CA1



ECC09F



756A6A



B50009

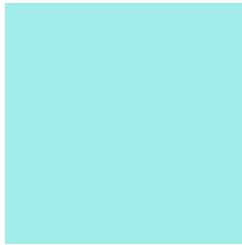


360003



# Previews

## White Background



This preview shows how the Hex color 9FCE88 looks on a white background.

## Color Contrast Check

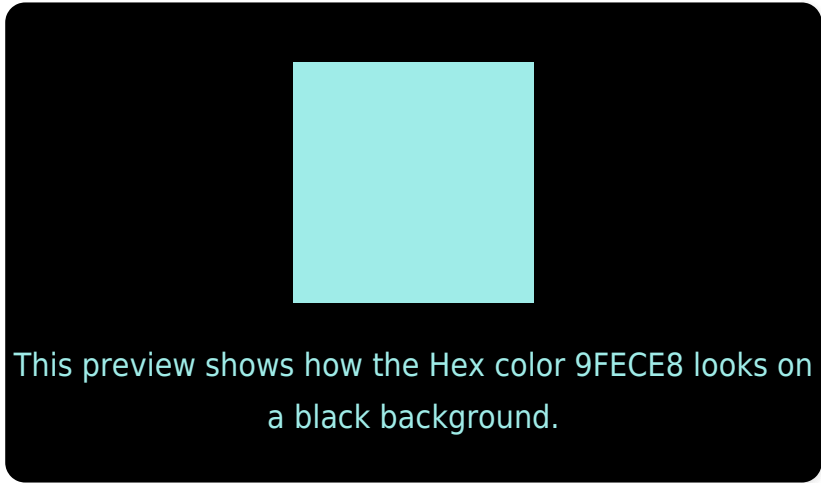
Large Text (above 18pt) WCAG AA × Fail

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

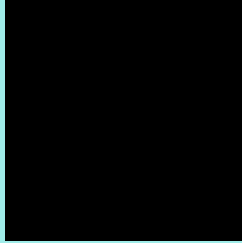
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9FCE8 Background



This preview shows how black text looks on a background with the Hex color 9FCE8.

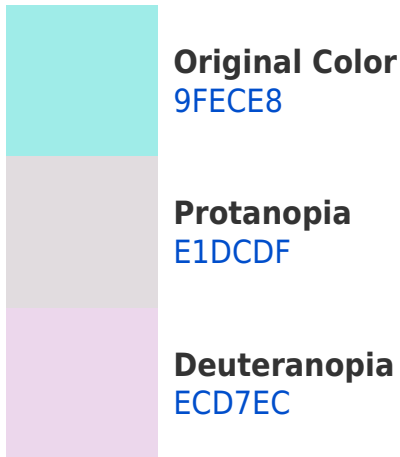


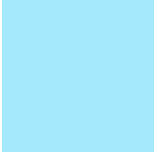
This preview shows how white text looks on a background with the Hex color 9FCE8.

# 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



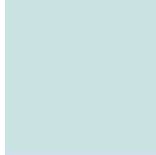


**Tritanopia**  
A4E9FC

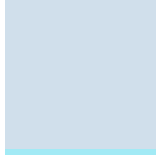
# Trichromacy



**Original Color**  
9FECE8



**Protanomaly**  
C9E2E2



**Deuteranomaly**  
D0DFEB

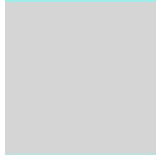


**Tritanomaly**  
A2EAF5

# Monochromacy



**Original Color**  
9FECE8



**Achromatopsia**  
D5D5D5



**Achromatomaly**  
C1DDDC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9FECE8 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 #9FECE8 looks like.

```
.text, #text, p{  
    color:#9FECE8  
}
```

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 #9FECE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FECE8  
}
```

## Border

The CSS property to change the border of an element to Hex 9FECE8 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  
#9FECE8 }
```

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

```
.border{ border-color:#9FECE8 }
```

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

Here you see how a box with a 4 pixel #9FECE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FECE8; -webkit-box-shadow:4px 4px  
4px 4px #9FECE8; box-shadow:4px 4px 4px  
4px #9FECE8 }
```

# Background

The CSS property to change the background color of an element to Hex 9FCE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FCE8 }
```

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

```
.background{ background-color:#9FCE8 }
```

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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