

# Converting Colors

Hex(C9FE8B)

Have a look what the booklet for  
Hex(C9FE8B) contains.

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# Color

**Hex(C9FE8B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C9FE8B
RGB	201, 254, 139
RGB Percent	79%, 100%, 55%
CMY	0.2118, 0.0039, 0.4549
CMYK	0.21, 0.00, 0.45, 0.00
HSL	88°, 98%, 77%
HSV	88°, 45%, 100%
XYZ	64.1894, 85.1652, 37.4815
YIQ	225.0430, 5.3270, -47.0010

# Conversions

## Conversions Part 2

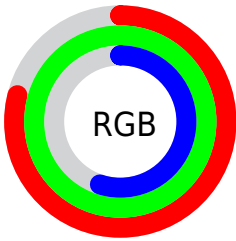
Format	Color
<a href="#">RYB</a>	<a href="#">139, 254, 192</a>
Decimal	<a href="#">13237899</a>
CIELab	<a href="#">93.95, -35.26, 49.41</a>
CIELCh	<a href="#">94, 60.702, 125.516</a>
Yxy	<a href="#">85.1652, 0.3436, 0.4558</a>
Android (android.graphics.Color)	<a href="#">4291427979 (0xFFC9FE8B)</a>
YUV	<a href="#">225.0430, -42.4192, -21.0857</a>
Hunter-Lab	<a href="#">92.2850, -37.3420, 40.5189</a>

# Details

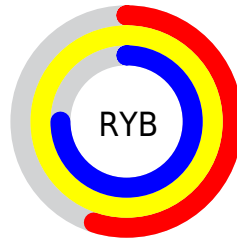
The Hex color **C9FE8B** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **C08BFE**, and the grayscale version is **E1E1E1**.

A 20% lighter version of the original color is **FFFFC2**, and **91C556** is the 20% darker color. If you saturate the color by 10%, you get **BDFE72**, and if you desaturate by 10%, it is **D5FEA4**.

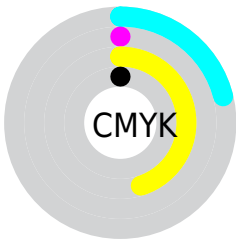
# Distribution



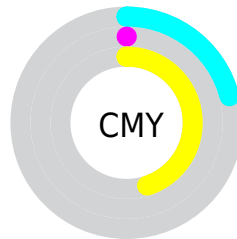
- Red (79%)
- Green (100%)
- Blue (55%)



- Red (55%)
- Yellow (100%)
- Blue (75%)



- Cyan (21%)
- Magenta (0%)
- Yellow (45%)
- Black (0%)



- Cyan (21%)
- Magenta (0%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C9FE8B 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 C9FE8B by changing the saturation by 10% instead.



 C9FE8B

 C9FE8B

FFFFFF

 ADE170

 FFFFC2

 91C556

 FFFFDF

 75AA3C

 FFFFFC

 5B8F21

 407500

 245C00

 024400

 002D00

 001600

 C9FE8B

 C9FE8B

 BDFE72

 D5FEA4

 B2FE58

 E0FEBE

 A6FE3F

 ECFED7

 9AFE25

 F8FEF1

 8EFE0C

FFFEFF

 89FE00

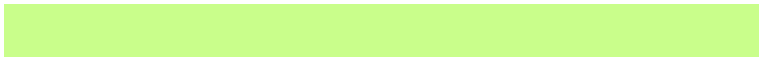
# Harmonies

## Analogous

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



FFEE76



C9FE8B



7BFFBB

# Triad

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



C9FE8B



00FFFF



FFBDE5

# Complementary

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



C9FE8B



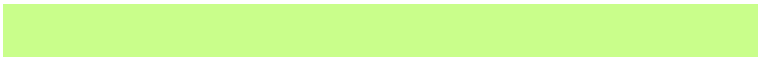
C08BFE

# Split Complementary

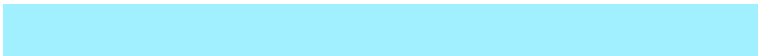
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC6FF



C9FE8B



A0F0FF

# Square

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



C9FE8B



00FFFF



FFDAFF



FFC6AD

# Rectangle

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



C9FE8B



0CFFE3



FFDAFF



FFBEF9



# Sweetspot

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



C9FE8B



EFFFD8



FEBF8B



76806A



000000

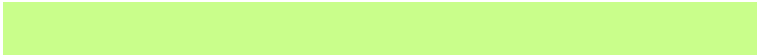


808080

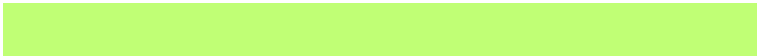


# Same Dimension

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



C9FE8B



C0FF75



91FE8B



7A8073



67BF00



224000



# Inverse Universe

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



C08BFE



B575FF



F88BFE



797380



5800BF

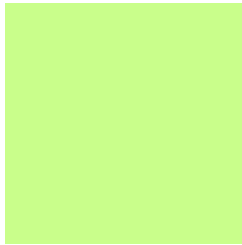


1D0040



# Previews

## White Background



This preview shows how the Hex color C9FE8B looks on a white background.

## Color Contrast Check

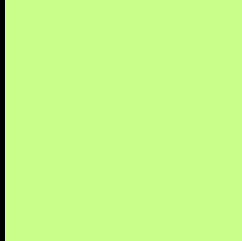
Large Text (above 18pt) WCAG AA × Fail

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 C9FE8B looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

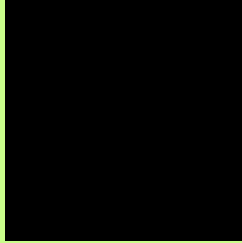
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C9FE8B Background



This preview shows how black text looks on a background with the Hex color C9FE8B.

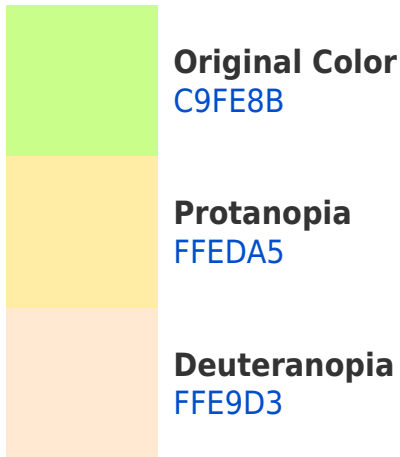


This preview shows how white text looks on a background with the Hex color C9FE8B.

# 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





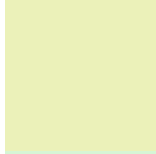
# Trichromacy



**Original Color**  
C9FE8B



**Protanomaly**  
EBF39C

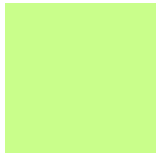


**Deuteranomaly**  
EBF1B9

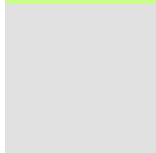


**Tritanomaly**  
D6F5D5

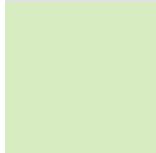
# Monochromacy



**Original Color**  
C9FE8B



**Achromatopsia**  
E1E1E1



**Achromatomaly**  
D8ECC2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C9FE8B 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 #C9FE8B looks like.

```
.text, #text, p{  
    color:#C9FE8B  
}
```

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 #C9FE8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9FE8B
}
```

## Border

The CSS property to change the border of an element to Hex C9FE8B 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
#C9FE8B }
```

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

```
.border{ border-color:#C9FE8B }
```

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

Here you see how a box with a 4 pixel #C9FE8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9FE8B; -webkit-box-shadow:4px 4px  
4px 4px #C9FE8B; box-shadow:4px 4px 4px  
4px #C9FE8B }
```

# Background

The CSS property to change the background color of an element to Hex C9FE8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9FE8B }
```

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

```
.background{ background-color:#C9FE8B }
```

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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