

# Converting Colors

Hex(C7FFB4)

Have a look what the booklet for  
Hex(C7FFB4) contains.

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# **Color**

**Hex(C7FFB4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7FFB4
RGB	199, 255, 180
RGB Percent	78%, 100%, 71%
CMY	0.2196, 0.0000, 0.2941
CMYK	0.22, 0.00, 0.29, 0.00
HSL	105°, 100%, 85%
HSV	105°, 29%, 100%
XYZ	67.5514, 86.9574, 56.4041
YIQ	229.7060, -9.3010, -35.1970

# Conversions

## Conversions Part 2

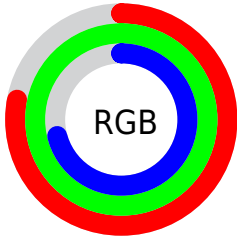
Format	Color
<a href="#">RYB</a>	<a href="#">180, 255, 236</a>
Decimal	<a href="#">13107124</a>
CIELab	<a href="#">94.72, -31.04, 30.27</a>
CIELCh	<a href="#">95, 43.355, 135.715</a>
Yxy	<a href="#">86.9574, 0.3203, 0.4123</a>
Android (android.graphics.Color)	<a href="#">4291297204</a> ( <a href="#">0xFFC7FFB4</a> )
YUV	<a href="#">229.7060, -24.5051, -26.9292</a>
Hunter-Lab	<a href="#">93.2510, -33.8830, 29.4133</a>

# Details

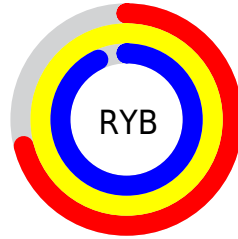
The Hex color **C7FFB4** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **ECB4FF**, and the grayscale version is **E6E6E6**.

A 20% lighter version of the original color is **FFFFEC**, and **90C67F** is the 20% darker color. If you saturate the color by 10%, you get **B4FF9B**, and if you desaturate by 10%, it is **DAFFCE**.

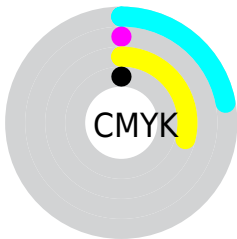
# Distribution



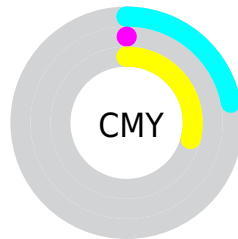
- Red (78%)
- Green (100%)
- Blue (71%)



- Red (71%)
- Yellow (100%)
- Blue (93%)



- Cyan (22%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)



- Cyan (22%)
- Magenta (0%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C7FFB4 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 C7FFB4 by changing the saturation by 10% instead.



 C7FFB4

 C7FFB4

FFFFFF

 ABE299

 FFFFEC

 90C67F

 75AB65

 5B904D

 427635

 285D1E

 0C4505

 002E00

 001900

 C7FFB4

 C7FFB4

 B4FF9B

 DAFFCE

 A1FF81

 EDFFE7

 8EFF68

FFFFFF

 7BFF4E

 68FF35

 55FF1B

 42FF02

 41FF00

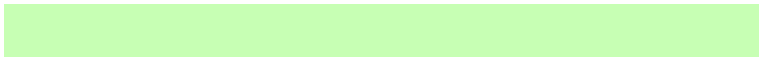
# Harmonies

## Analogous

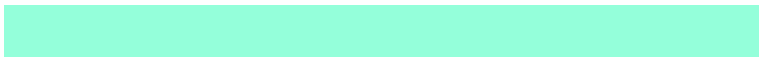
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



F6F49E



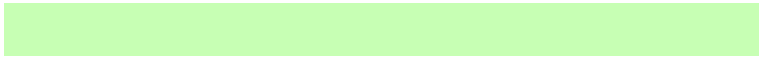
C7FFB4



94FFDA

# Triad

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



C7FFB4



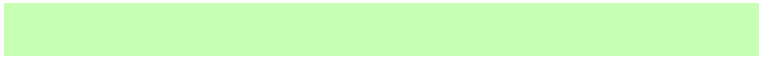
97FAFF



FFD0DB

# Complementary

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



C7FFB4



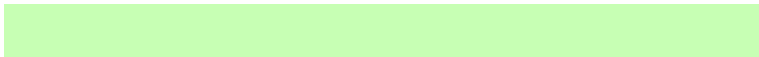
ECB4FF

# Split Complementary

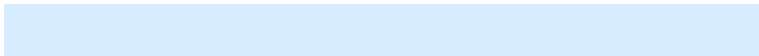
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFD2FF



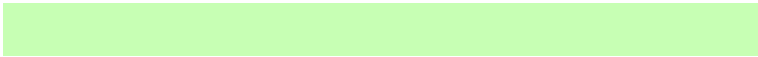
C7FFB4



D8ECFF

# Square

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



C7FFB4



62FFFF



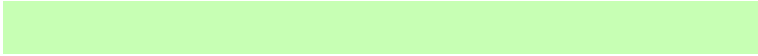
FFDDFF



FFD9B6

# Rectangle

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



C7FFB4



74FFF7



FFDDFF

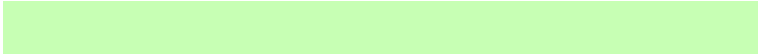


FFD0E9



# Sweetspot

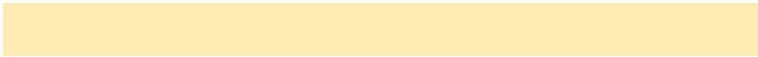
The Sweet Spot groups the original color and five complimentary colors.



C7FFB4



EEFFE8



FFEBB4



758071



000000

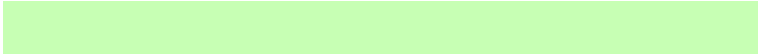


808080

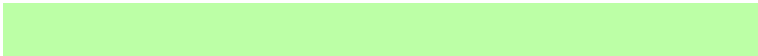


# Same Dimension

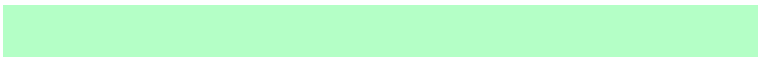
The Same Dimension uses a secret algorithm to generate beautiful new colors.



C7FFB4



BCFFA6



B4FFC6



768073



30BF00



104000



# Inverse Universe

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



ECB4FF



E8A6FF



FFB4EE



7C7380



8F00BF

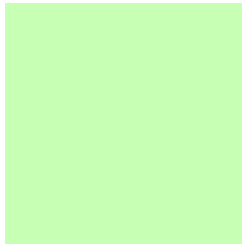


300040



# Previews

## White Background



This preview shows how the Hex color C7FFB4 looks on a white background.

## Color Contrast Check

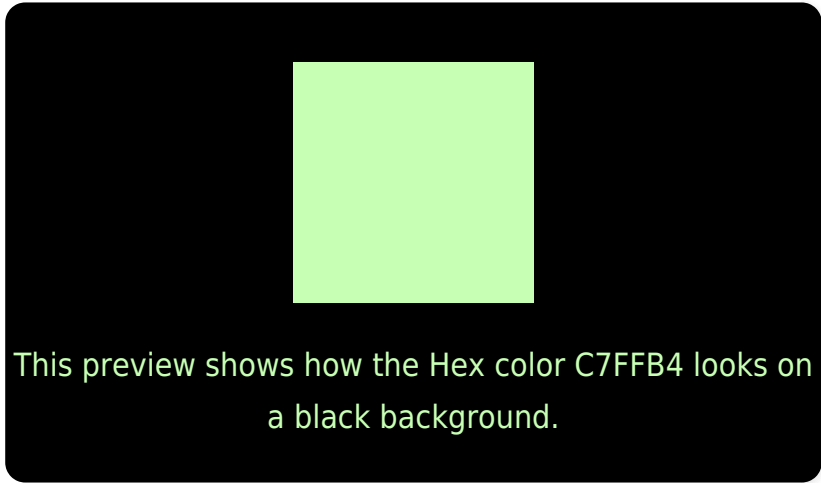
Large Text (above 18pt) WCAG AA × Fail

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

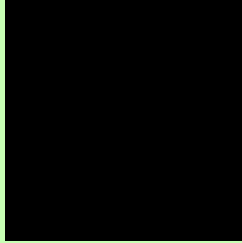
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

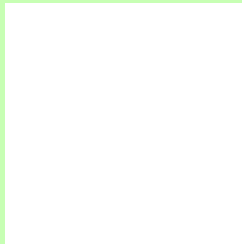
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C7FFB4 Background



This preview shows how black text looks on a background with the Hex color C7FFB4.

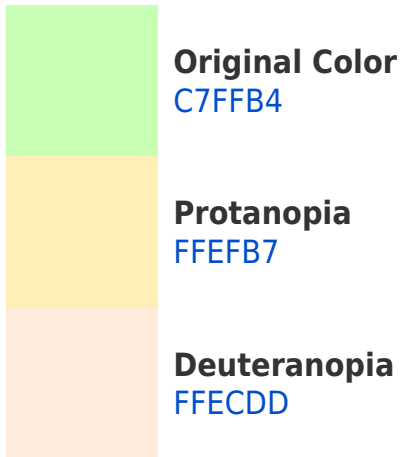


This preview shows how white text looks on a background with the Hex color C7FFB4.

# 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



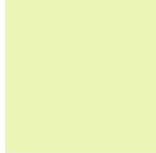


**Tritanopia**  
DFF2FF

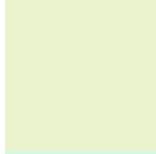
# Trichromacy



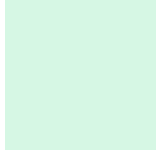
**Original Color**  
C7FFB4



**Protanomaly**  
EBF5B6

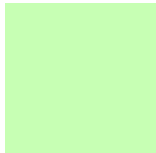


**Deuteranomaly**  
EBF3CE

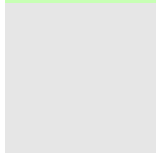


**Tritanomaly**  
D6F7E4

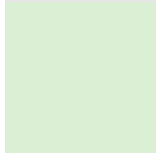
# Monochromacy



**Original Color**  
C7FFB4



**Achromatopsia**  
E6E6E6



**Achromatomaly**  
DBEFD4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C7FFB4 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 #C7FFB4 looks like.

```
.text, #text, p{  
    color:#C7FFB4  
}
```

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 #C7FFB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7FFB4
}
```

## Border

The CSS property to change the border of an element to Hex C7FFB4 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
#C7FFB4 }
```

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

```
.border{ border-color:#C7FFB4 }
```

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

Here you see how a box with a 4 pixel #C7FFB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7FFB4; -webkit-box-shadow:4px 4px  
4px 4px #C7FFB4; box-shadow:4px 4px 4px  
4px #C7FFB4 }
```

# Background

The CSS property to change the background color of an element to Hex C7FFB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7FFB4 }
```

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

```
.background{ background-color:#C7FFB4 }
```

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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