

# Converting Colors

Hex(C4FFB4)

Have a look what the booklet for  
Hex(C4FFB4) contains.

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**Color**

**Hex(C4FFB4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4FFB4
RGB	196, 255, 180
RGB Percent	77%, 100%, 71%
CMY	0.2314, 0.0000, 0.2941
CMYK	0.23, 0.00, 0.29, 0.00
HSL	107°, 100%, 85%
HSV	107°, 29%, 100%
XYZ	66.7632, 86.5510, 56.3672
YIQ	228.8090, -11.0890, -35.8330

# Conversions

## Conversions Part 2

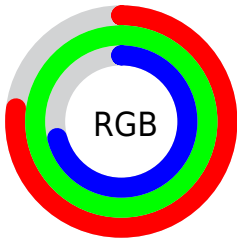
Format	Color
<a href="#">RYB</a>	<a href="#">180, 255, 239</a>
Decimal	<a href="#">12910516</a>
CIELab	<a href="#">94.55, -32.03, 30.01</a>
CIELCh	<a href="#">95, 43.894, 136.870</a>
Yxy	<a href="#">86.5510, 0.3184, 0.4128</a>
Android (android.graphics.Color)	<a href="#">4291100596 (0xFFC4FFB4)</a>
YUV	<a href="#">228.8090, -24.0628, -28.7735</a>
Hunter-Lab	<a href="#">93.0328, -34.7104, 29.2000</a>

# Details

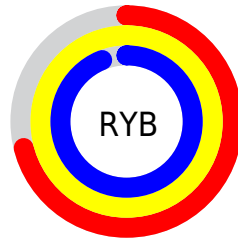
The Hex color **C4FFB4** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **EFB4FF**, and the grayscale version is **E5E5E5**.

A 20% lighter version of the original color is **FEFFEC**, and **8DC67F** is the 20% darker color. If you saturate the color by 10%, you get **B0FF9B**, and if you desaturate by 10%, it is **D8FFCE**.

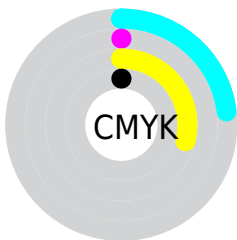
# Distribution



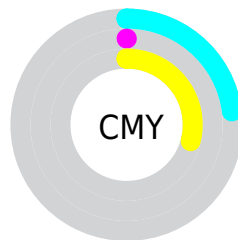
- Red (77%)
- Green (100%)
- Blue (71%)



- Red (71%)
- Yellow (100%)
- Blue (94%)



- Cyan (23%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)



- Cyan (23%)
- Magenta (0%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C4FFB4 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 C4FFB4 by changing the saturation by 10% instead.



 C4FFB4

 C4FFB4

FFFFFF

 A8E299

 FEF FEC

 8DC67F

 72AB65

 58904D

 3F7635

 255D1E

 064505

 002E00

 001900

 C4FFB4

 C4FFB4

 B0FF9B

 D8FFCE

 9CFF81

 ECFFE7

 88FF68

FFFFFF

 74FF4E

 60FF35

 4CFF1B

 38FF02

 36FF00

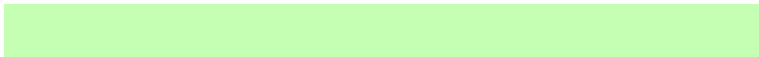
# Harmonies

## Analogous

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



F4F49D



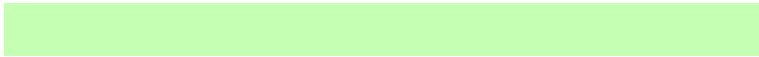
C4FFB4



90FFDB

# Triad

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



C4FFB4



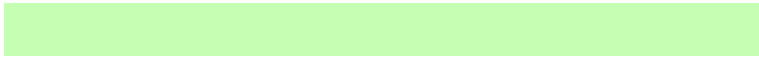
97F9FF



FFD0D9

# Complementary

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



C4FFB4



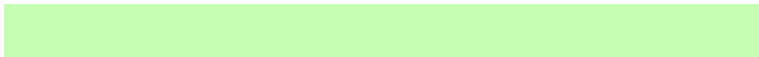
EFB4FF

# Split Complementary

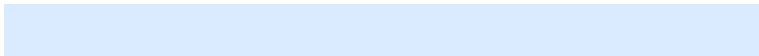
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFD1FF



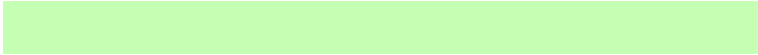
C4FFB4



DAEBFF

# Square

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



C4FFB4



5FFFFF



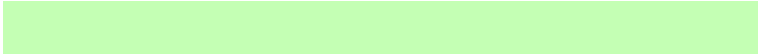
FFDCFF



FFD8B3

# Rectangle

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



C4FFB4



6FFFF8



FFDCFF

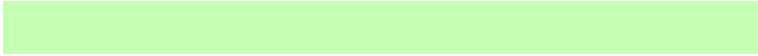


FFCFE7



# Sweetspot

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



C4FFB4



EDFFE8



FFEFB4



748071



000000

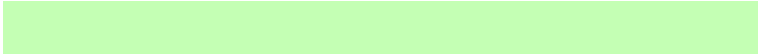


808080

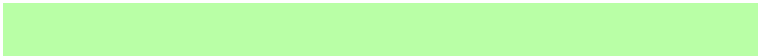


# Same Dimension

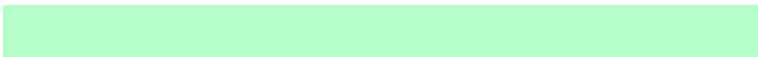
The Same Dimension uses a secret algorithm to generate beautiful new colors.



C4FFB4



B9FFA6



B4FFC9



758073



29BF00



0E4000



# Inverse Universe

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



EFB4FF



ECA6FF



FFB4EA



7D7380



9600BF

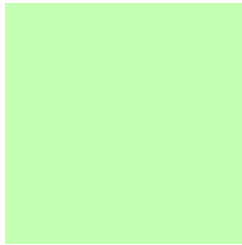


320040



# Previews

## White Background



This preview shows how the Hex color C4FFB4 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

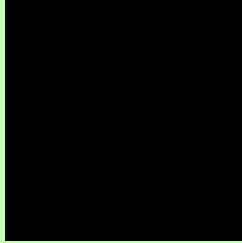
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

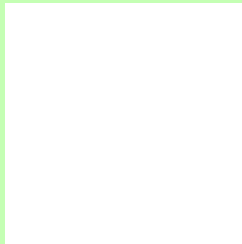
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C4FFB4 Background



This preview shows how black text looks on a background with the Hex color C4FFB4.

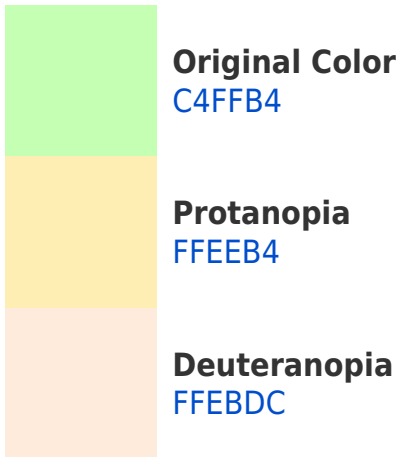


This preview shows how white text looks on a background with the Hex color C4FFB4.

# 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



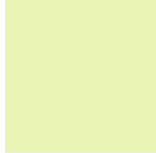


**Tritanopia**  
DDF2FF

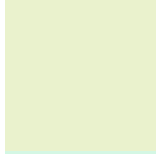
# Trichromacy



**Original Color**  
C4FFB4



**Protanomaly**  
EAF4B4

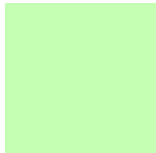


**Deuteranomaly**  
EAF2CD

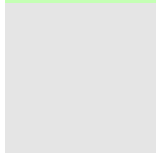


**Tritanomaly**  
D4F7E4

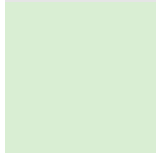
# Monochromacy



**Original Color**  
C4FFB4



**Achromatopsia**  
E5E5E5



**Achromatomaly**  
D9EED3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C4FFB4 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 #C4FFB4 looks like.

```
.text, #text, p{  
    color:#C4FFB4  
}
```

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 #C4FFB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4FFB4
}
```

## Border

The CSS property to change the border of an element to Hex C4FFB4 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
#C4FFB4 }
```

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

```
.border{ border-color:#C4FFB4 }
```

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

Here you see how a box with a 4 pixel #C4FFB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4FFB4; -webkit-box-shadow:4px 4px  
4px 4px #C4FFB4; box-shadow:4px 4px 4px  
4px #C4FFB4 }
```

# Background

The CSS property to change the background color of an element to Hex C4FFB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4FFB4 }
```

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

```
.background{ background-color:#C4FFB4 }
```

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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