

Converting Colors

Hex(C4FFB1)

Have a look what the booklet for
Hex(C4FFB1) contains.

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Color

Hex(C4FFB1)

Conversions

Conversions Part 1

Format	Color
Hex	C4FFB1
RGB	196, 255, 177
RGB Percent	77%, 100%, 69%
CMY	0.2314, 0.0000, 0.3059
CMYK	0.23, 0.00, 0.31, 0.00
HSL	105°, 100%, 85%
HSV	105°, 31%, 100%
XYZ	66.4608, 86.4301, 54.7748
YIQ	228.4670, -10.1260, -36.7660

Conversions

Conversions Part 2

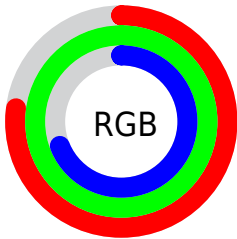
Format	Color
RYB	177, 255, 236
Decimal	12910513
CIELab	94.50, -32.48, 31.45
CIElCh	94, 45.212, 135.930
Yxy	86.4301, 0.3200, 0.4162
Android (android.graphics.Color)	4291100593 (0xFFC4FFB1)
YUV	228.4670, -25.3732, -28.4736
Hunter-Lab	92.9678, -35.0876, 30.1449

Details

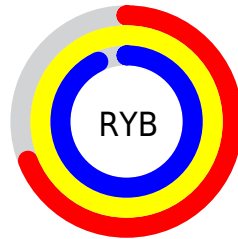
The Hex color **C4FFB1** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **ECB1FF**, and the grayscale version is **E5E5E5**.

A 20% lighter version of the original color is **FEFFE9**, and **8DC67C** is the 20% darker color. If you saturate the color by 10%, you get **B1FF97**, and if you desaturate by 10%, it is **D7FFCB**.

Distribution



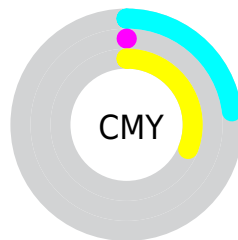
- Red (77%)
- Green (100%)
- Blue (69%)



- Red (69%)
- Yellow (100%)
- Blue (93%)



- Cyan (23%)
- Magenta (0%)
- Yellow (31%)
- Black (0%)



- Cyan (23%)
- Magenta (0%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color C4FFB1 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 C4FFB1 by changing the saturation by 10% instead.

 C4FFB1

FFFFFF

 FEFFE9

 C4FFB1

 A8E296

 8DC67C

 72AB62

 58904A

 3E7632

 245D1A

 054502

 002E00

 001800

 C4FFB1

 C4FFB1

 B1FF97

 D7FFCB

 9DFF7E

 EBFFE4

 8AFF64

FEFFFE

 77FF4B

FFFFFF

 64FF31

 50FF18

 3EFF00

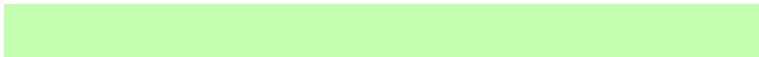
Harmonies

Analogous

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



F5F49A



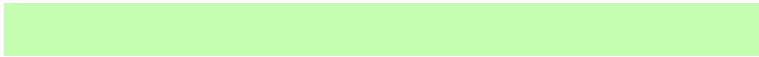
C4FFB1



8EFFD8

Triad

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



C4FFB1



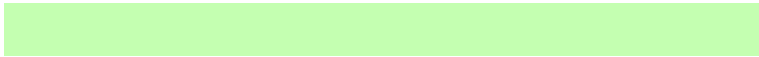
90FAFF



FFCED9

Complementary

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



C4FFB1



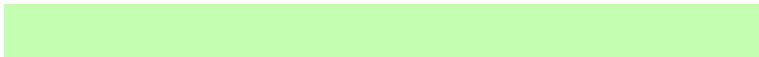
ECB1FF

Split Complementary

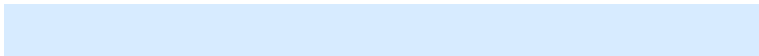
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFD0FF



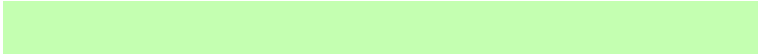
C4FFB1



D7EBFF

Square

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



C4FFB1



54FFFF



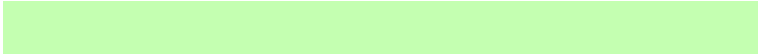
FFDCFF



FFD7B2

Rectangle

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



C4FFB1



6AFFF7



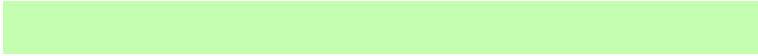
FFDCFF



FFCEE8

Sweetspot

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



C4FFB1



EEFFE8



FFECB1



758071



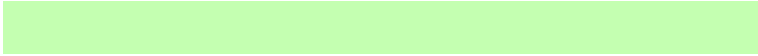
000000



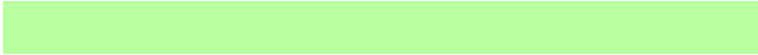
808080

Same Dimension

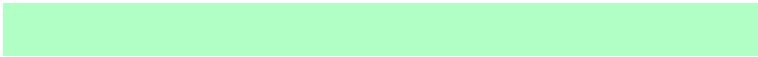
The Same Dimension uses a secret algorithm to generate beautiful new colors.



C4FFB1



B8FFA1



B1FFC4



768073



2FBF00



104000

Inverse Universe

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



ECB1FF



E8A1FF



FFB1EC



7C7380



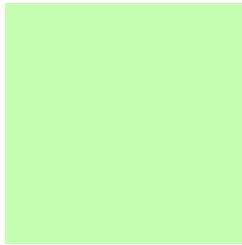
9100BF



300040

Previews

White Background



This preview shows how the Hex color C4FFB1 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

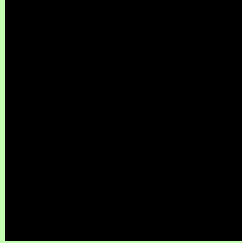
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

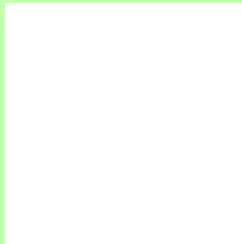
Any Text WCAG AAA ✓ Pass

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

Hex C4FFB1 Background



This preview shows how black text looks on a background with the Hex color C4FFB1.

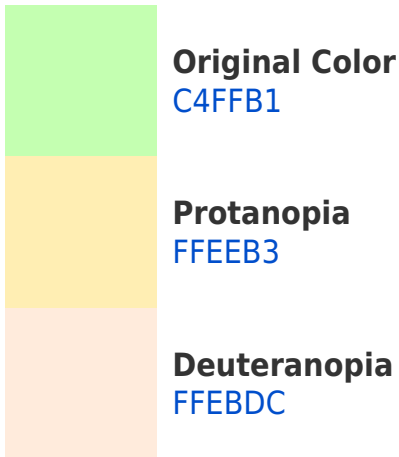


This preview shows how white text looks on a background with the Hex color C4FFB1.

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

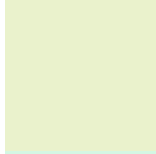
Trichromacy



Original Color
C4FFB1



Protanomaly
EAF4B2

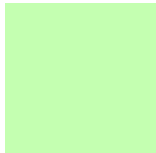


Deuteranomaly
EAF2CC

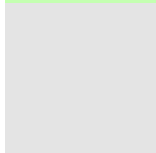


Tritanomaly
D4F7E3

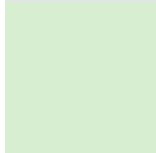
Monochromacy



Original Color
C4FFB1



Achromatopsia
E4E4E4



Achromatomaly
D8EED1

CSS Examples

Text

The CSS property to change the color of the text to Hex C4FFB1 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 #C4FFB1 looks like.

```
.text, #text, p{  
    color:#C4FFB1  
}
```

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 #C4FFB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4FFB1
}
```

Border

The CSS property to change the border of an element to Hex C4FFB1 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
#C4FFB1 }
```

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

```
.border{ border-color:#C4FFB1 }
```

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

Here you see how a box with a 4 pixel #C4FFB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4FFB1; -webkit-box-shadow:4px 4px  
4px 4px #C4FFB1; box-shadow:4px 4px 4px  
4px #C4FFB1 }
```

Background

The CSS property to change the background color of an element to Hex C4FFB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4FFB1 }
```

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

```
.background{ background-color:#C4FFB1 }
```

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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