

Converting Colors

Hex(C0FFB3)

Have a look what the booklet for
Hex(C0FFB3) contains.

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Color

Hex(C0FFB3)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | C0FFB3 |
| RGB | 192, 255, 179 |
| RGB Percent | 75%, 100%, 70% |
| CMY | 0.2471, 0.0000, 0.2980 |
| CMYK | 0.25, 0.00, 0.30, 0.00 |
| HSL | 110°, 100%, 85% |
| HSV | 110°, 30%, 100% |
| XYZ | 65.6349, 85.9811, 55.7845 |
| YIQ | 227.4990, -13.1520, -36.9920 |

Conversions

Conversions Part 2

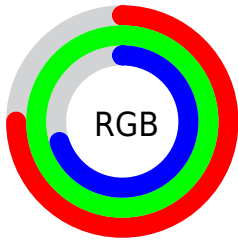
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 179, 255, 242 |
| Decimal | 12648371 |
| CIELab | 94.30, -33.50, 30.14 |
| CIELCh | 94, 45.069, 138.021 |
| Yxy | 85.9811, 0.3165, 0.4146 |
| Android (android.graphics.Color) | 4290838451 (0xFFC0FFB3) |
| YUV | 227.4990, -23.9100, -31.1326 |
| Hunter-Lab | 92.7260, -35.9216, 29.2390 |

Details

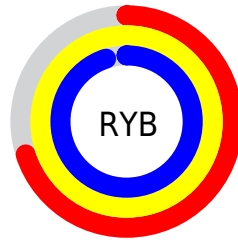
The Hex color **C0FFB3** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **F2B3FF**, and the grayscale version is **E4E4E4**.

A 20% lighter version of the original color is **FAFFEB**, and **89C67E** is the 20% darker color. If you saturate the color by 10%, you get **ABFF99**, and if you desaturate by 10%, it is **D5FFCC**.

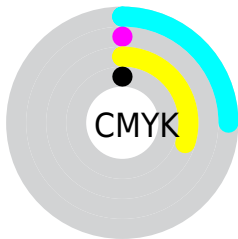
Distribution



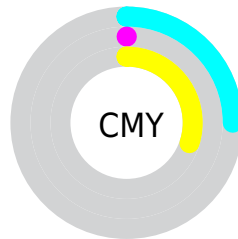
- Red (75%)
- Green (100%)
- Blue (70%)



- Red (70%)
- Yellow (100%)
- Blue (95%)



- Cyan (25%)
- Magenta (0%)
- Yellow (30%)
- Black (0%)



- Cyan (25%)
- Magenta (0%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color C0FFB3 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 C0FFB3 by changing the saturation by 10% instead.

 C0FFB3

FFFFFF

 FAFFEB

 C0FFB3

 A4E298

 89C67E

 6EAA64

 54904C

 3A7634

 205D1D

 004504

 002E00

 001800

 C0FFB3

 C0FFB3

 ABFF99

 D5FFCC

 96FF80

 EAFFE6

 81FF66

FFFFFF

 6BFF4D

 56FF33

 41FF1A

 2CFF00

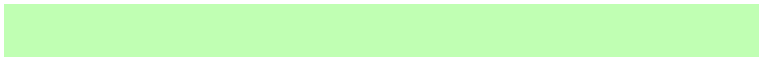
Harmonies

Analogous

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



F1F49B



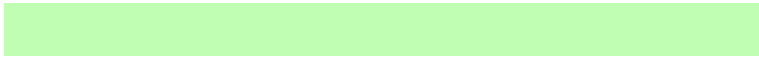
C0FFB3



8AFFDB

Triad

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



C0FFB3



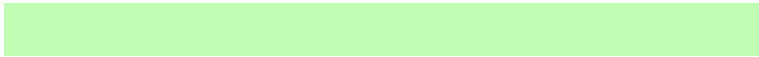
95F8FF



FFCED6

Complementary

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



C0FFB3



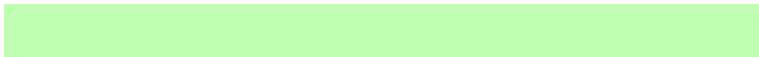
F2B3FF

Split Complementary

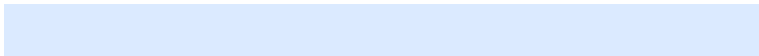
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFCFFF



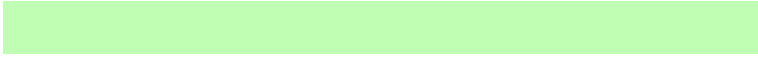
C0FFB3



DBEAFF

Square

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



C0FFB3



57FFFF



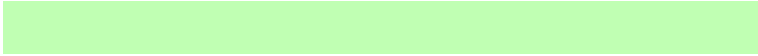
FFDAFF



FFD7B0

Rectangle

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



C0FFB3



66FFF9



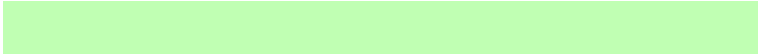
FFDAFF



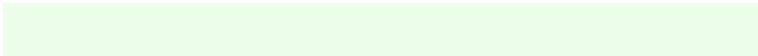
FFCDE4

Sweetspot

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



C0FFB3



ECFFE8



FFF1B3



748071



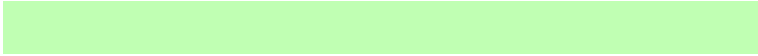
000000



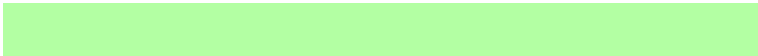
808080

Same Dimension

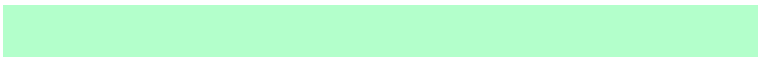
The Same Dimension uses a secret algorithm to generate beautiful new colors.



C0FFB3



B3FFA3



B3FFCB



758073



21BF00



0B4000

Inverse Universe

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



F2B3FF



EFA3FF



FFB3E7



7D7380



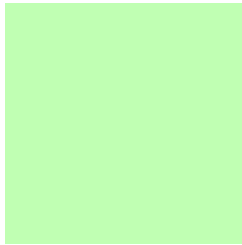
9F00BF



350040

Previews

White Background



This preview shows how the Hex color C0FFB3 looks on a white background.

Color Contrast Check

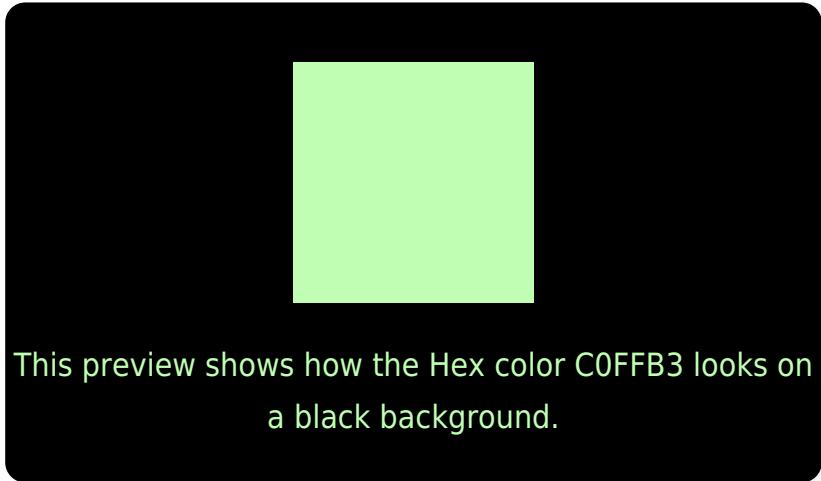
Large Text (above 18pt) WCAG AA × Fail

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

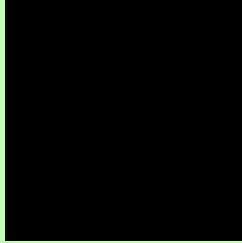
Any Text WCAG AA ✓ Pass

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 C0FFB3 Background



This preview shows how black text looks on a background with the Hex color C0FFB3.

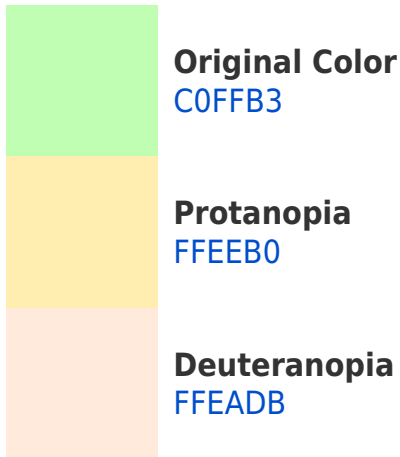


This preview shows how white text looks on a background with the Hex color C0FFB3.

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



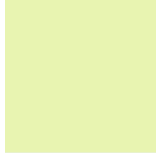


Tritanopia
DAF2FF

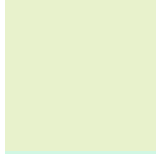
Trichromacy



Original Color
C0FFB3



Protanomaly
E8F4B1

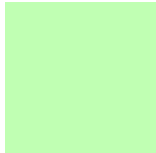


Deuteranomaly
E8F2CC

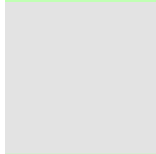


Tritanomaly
D1F7E3

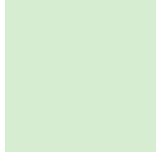
Monochromacy



Original Color
C0FFB3



Achromatopsia
E3E3E3



Achromatomaly
D6EDD2

CSS Examples

Text

The CSS property to change the color of the text to Hex C0FFB3 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 #C0FFB3 looks like.

```
.text, #text, p{  
    color:#C0FFB3  
}
```

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 #C0FFB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0FFB3
}
```

Border

The CSS property to change the border of an element to Hex C0FFB3 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
#C0FFB3 }
```

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

```
.border{ border-color:#C0FFB3 }
```

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

Here you see how a box with a 4 pixel `#C0FFB3` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0FFB3; -webkit-box-shadow:4px 4px  
4px 4px #C0FFB3; box-shadow:4px 4px 4px  
4px #C0FFB3 }
```

Background

The CSS property to change the background color of an element to Hex C0FFB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0FFB3 }
```

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

```
.background{ background-color:#C0FFB3 }
```

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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