

Converting Colors

Hex(C3FFAF)

Have a look what the booklet for
Hex(C3FFAF) contains.

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Color

Hex(C3FFAF)

Conversions

Conversions Part 1

Format	Color
Hex	C3FFAF
RGB	195, 255, 175
RGB Percent	76%, 100%, 69%
CMY	0.2353, 0.0000, 0.3137
CMYK	0.24, 0.00, 0.31, 0.00
HSL	105°, 100%, 84%
HSV	105°, 31%, 100%
XYZ	66.0035, 86.2172, 53.7203
YIQ	227.9400, -10.0800, -37.6000

Conversions

Conversions Part 2

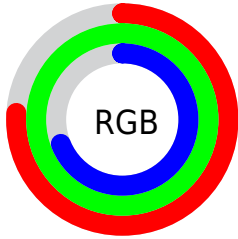
Format	Color
RYB	175, 255, 235
Decimal	12844975
CIELab	94.41, -33.11, 32.32
CIELCh	94, 46.270, 135.696
Yxy	86.2172, 0.3205, 0.4187
Android (android.graphics.Color)	4291035055 (0xFFC3FFAF)
YUV	227.9400, -26.0994, -28.8884
Hunter-Lab	92.8532, -35.6087, 30.6950

Details

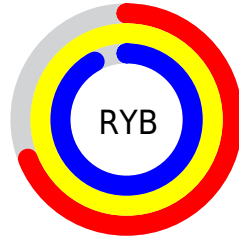
The Hex color **C3FFAF** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **EBAFFF**, and the grayscale version is **E4E4E4**.

A 20% lighter version of the original color is **FDFFE7**, and **8CC67A** is the 20% darker color. If you saturate the color by 10%, you get **B0FF95**, and if you desaturate by 10%, it is **D6FFC9**.

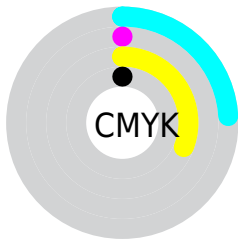
Distribution



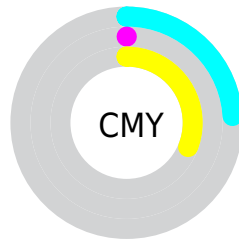
- Red (76%)
- Green (100%)
- Blue (69%)



- Red (69%)
- Yellow (100%)
- Blue (92%)



- Cyan (24%)
- Magenta (0%)
- Yellow (31%)
- Black (0%)



- Cyan (24%)
- Magenta (0%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color C3FFAF 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 C3FFAF by changing the saturation by 10% instead.

 C3FFAF

 C3FFAF

FFFFFF

 A7E294

 FDFFE7

 8CC67A

 71AA60

 579048

 3D7630

 235D18

 034500

 002E00

 001800

 C3FFAF

 C3FFAF

 B0FF95

 D6FFC9

 9DFF7C

 E9FFE2

 8AFF62

 FCFFFC

 77FF49

FFFFFF

 63FF30

 50FF16

 40FF00

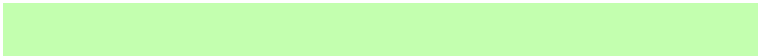
Harmonies

Analogous

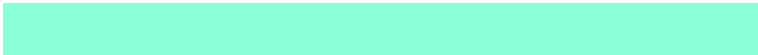
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



F5F498



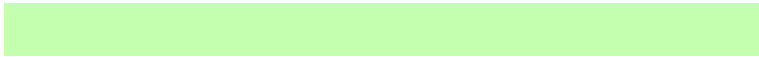
C3FFAF



8BFFD7

Triad

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



C3FFAF



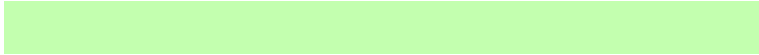
8CFAFF



FFCDD9

Complementary

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



C3FFAF



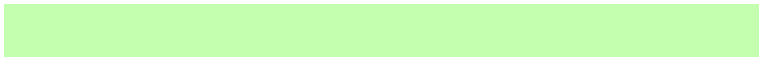
EBAFFF

Split Complementary

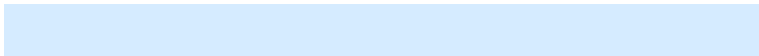
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFCFFF



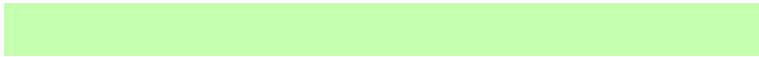
C3FFAF



D5EBFF

Square

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



C3FFAF



4AFFFF



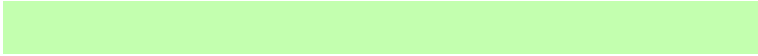
FFDBFF



FFD6B1

Rectangle

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



C3FFAF



65FFF6



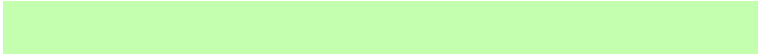
FFDBFF



FFCCE8

Sweetspot

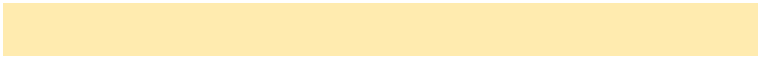
The Sweet Spot groups the original color and five complimentary colors.



C3FFAF



EEFFE8



FFEBAF



758071



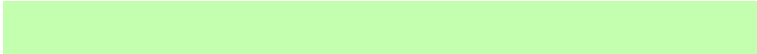
000000



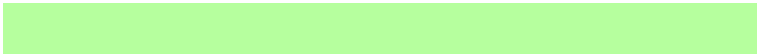
808080

Same Dimension

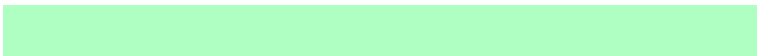
The Same Dimension uses a secret algorithm to generate beautiful new colors.



C3FFAF



B6FF9E



AFFFC3



768073



30BF00



104000

Inverse Universe

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



EBAFFF



E79EFF



FFAFEB



7C7380



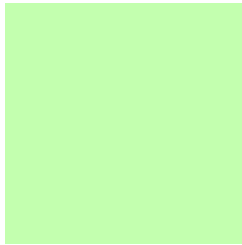
8F00BF



300040

Previews

White Background



This preview shows how the Hex color C3FFAF looks on a white background.

Color Contrast Check

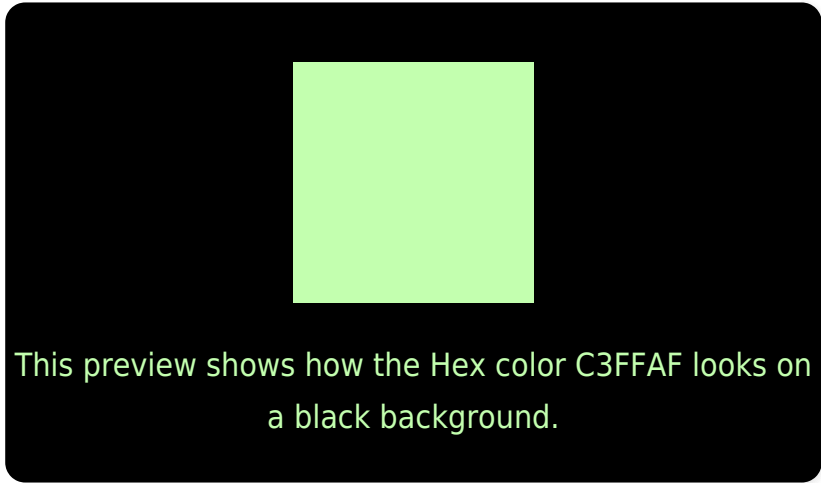
Large Text (above 18pt) WCAG AA × Fail

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

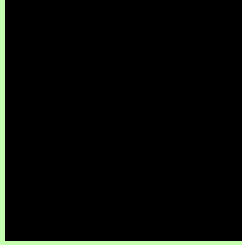
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

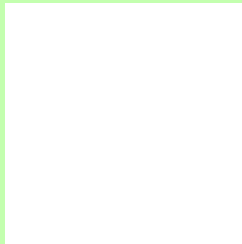
Any Text WCAG AAA ✓ Pass

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

Hex C3FFAF Background



This preview shows how black text looks on a background with the Hex color C3FFAF.

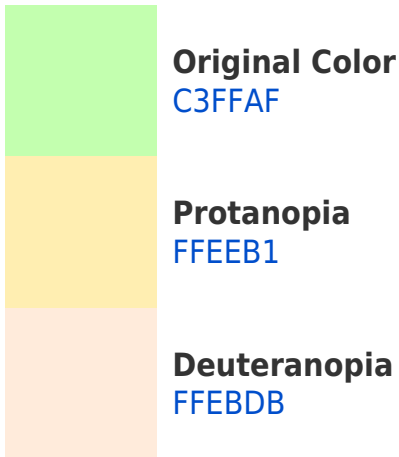


This preview shows how white text looks on a background with the Hex color C3FFAF.

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



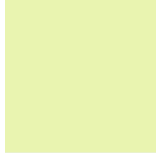


Tritanopia
DCF2FF

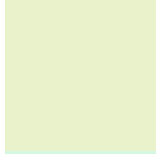
Trichromacy



Original Color
C3FFAF



Protanomaly
E9F4B0

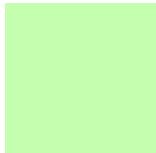


Deuteranomaly
E9F2CB

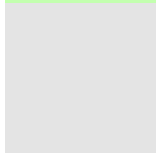


Tritanomaly
D3F7E2

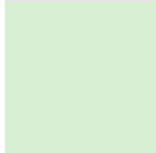
Monochromacy



Original Color
C3FFAF



Achromatopsia
E4E4E4



Achromatomaly
D8EED1

CSS Examples

Text

The CSS property to change the color of the text to Hex C3FFAF 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 #C3FFAF looks like.

```
.text, #text, p{  
    color:#C3FFAF  
}
```

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 #C3FFAF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3FFAF }  
}
```

Border

The CSS property to change the border of an element to Hex C3FFAF 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 #C3FFAF }  
}
```

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

```
.border{ border-color:#C3FFAF }
```

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

Here you see how a box with a 4 pixel #C3FFAF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3FFAF; -webkit-box-shadow:4px 4px  
4px 4px #C3FFAF; box-shadow:4px 4px 4px  
4px #C3FFAF }
```

Background

The CSS property to change the background color of an element to Hex C3FFAF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3FFAF }
```

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

```
.background{ background-color:#C3FFAF }
```

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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