

Converting Colors

Hex(C4FFA9)

Have a look what the booklet for
Hex(C4FFA9) contains.

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Color

Hex(C4FFA9)

Conversions

Conversions Part 1

Format	Color
Hex	C4FFA9
RGB	196, 255, 169
RGB Percent	77%, 100%, 66%
CMY	0.2314, 0.0000, 0.3373
CMYK	0.23, 0.00, 0.34, 0.00
HSL	101°, 100%, 83%
HSV	101°, 34%, 100%
XYZ	65.6864, 86.1203, 50.6970
YIQ	227.5550, -7.5580, -39.2540

Conversions

Conversions Part 2

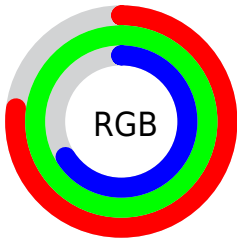
Format	Color
RYB	169, 255, 228
Decimal	12910505
CIELab	94.36, -33.64, 35.27
CIELCh	94, 48.743, 133.650
Yxy	86.1203, 0.3244, 0.4253
Android (android.graphics.Color)	4291100585 (0xFFC4FFA9)
YUV	227.5550, -28.8676, -27.6737
Hunter-Lab	92.8010, -36.0561, 32.5708

Details

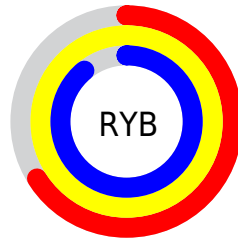
The Hex color **C4FFA9** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **E4A9FF**, and the grayscale version is **E4E4E4**.

A 20% lighter version of the original color is **FEFFE1**, and **8DC674** is the 20% darker color. If you saturate the color by 10%, you get **B3FF90**, and if you desaturate by 10%, it is **D5FFC3**.

Distribution



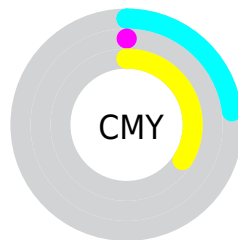
- Red (77%)
- Green (100%)
- Blue (66%)



- Red (66%)
- Yellow (100%)
- Blue (89%)



- Cyan (23%)
- Magenta (0%)
- Yellow (34%)
- Black (0%)



- Cyan (23%)
- Magenta (0%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color C4FFA9 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 C4FFA9 by changing the saturation by 10% instead.

 C4FFA9

FFFFFF

 FEFFE1

FFFFFFE

 C4FFA9

 A8E28E


 8DC674

 72AA5B

 589042

 3E762A

 235D11

 034500

 002E00

 001800

 C4FFA9

 C4FFA9

 B3FF90

 D5FFC3

 A1FF76

 E7FFDC

 90FF5D

 F8FFF6

 7EFF43

FFFFFF

 6DFF2A

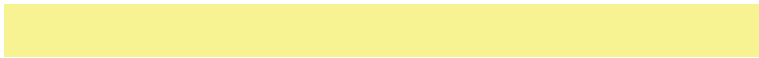
 5BFF10

 50FF00

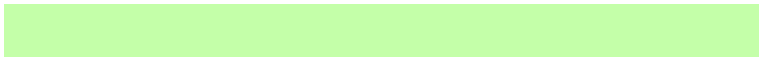
Harmonies

Analogous

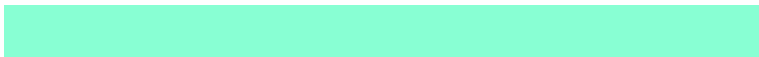
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



F8F392



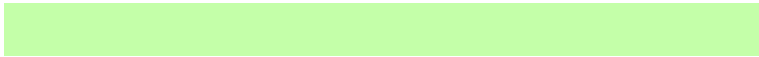
C4FFA9



88FFD3

Triad

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



C4FFA9



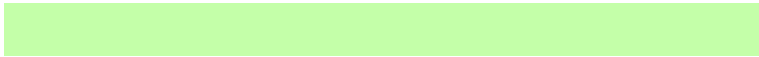
7CFBFF



FFCADB

Complementary

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



C4FFA9



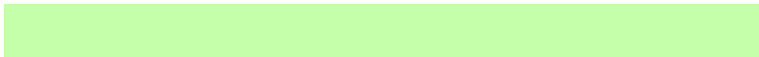
E4A9FF

Split Complementary

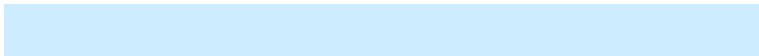
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFCDFF



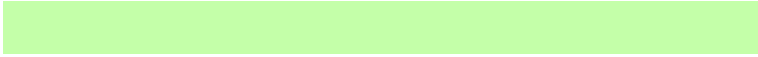
C4FFA9



CEECCF

Square

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



C4FFA9



26FFFF



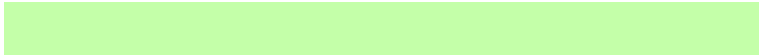
FFDBFF



FFD3B0

Rectangle

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



C4FFA9



5BFFF3



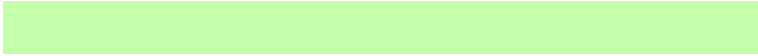
FFDBFF



FFCAEB

Sweetspot

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



C4FFA9



EEFFE6



FFE4A9



758070



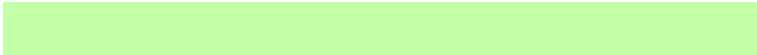
000000



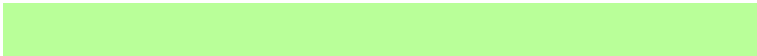
808080

Same Dimension

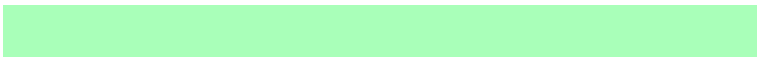
The Same Dimension uses a secret algorithm to generate beautiful new colors.



C4FFA9



B9FF99



A9FFB9



778073



3CBF00



144000

Inverse Universe

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



E4A9FF



DF99FF



FFA9EF



7B7380



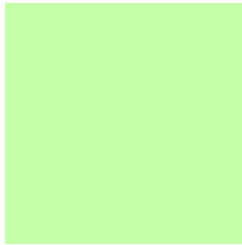
8300BF



2C0040

Previews

White Background



This preview shows how the Hex color C4FFA9 looks on a white background.

Color Contrast Check

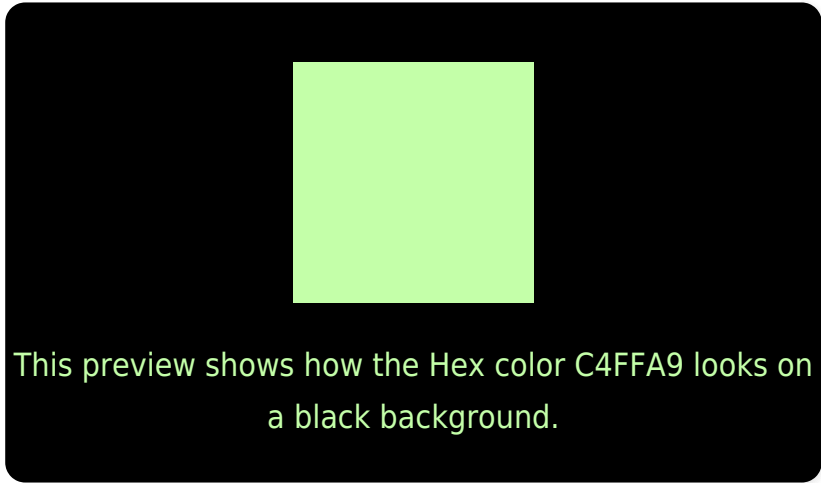
Large Text (above 18pt) WCAG AA × Fail

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

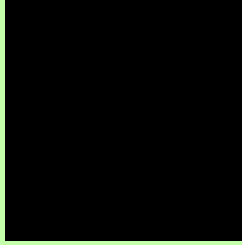
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

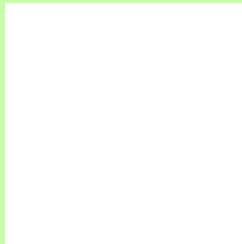
Any Text WCAG AAA ✓ Pass

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

Hex C4FFA9 Background



This preview shows how black text looks on a background with the Hex color C4FFA9.

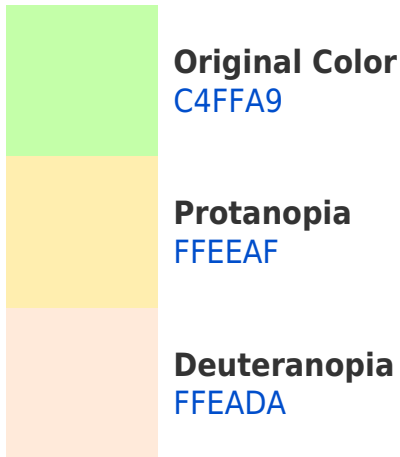


This preview shows how white text looks on a background with the Hex color C4FFA9.

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



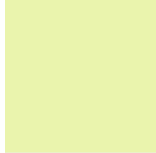


Tritanopia
DCF2FF

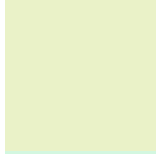
Trichromacy



Original Color
C4FFA9



Protanomaly
EAF4AD

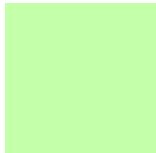


Deuteranomaly
EAF2C8

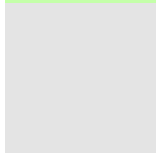


Tritanomaly
D3F7E0

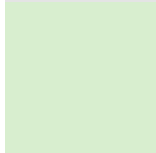
Monochromacy



Original Color
C4FFA9



Achromatopsia
E4E4E4



Achromatomaly
D8EECF

CSS Examples

Text

The CSS property to change the color of the text to Hex C4FFA9 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 #C4FFA9 looks like.

```
.text, #text, p{  
    color:#C4FFA9  
}
```

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 #C4FFA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4FFA9
}
```

Border

The CSS property to change the border of an element to Hex C4FFA9 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
#C4FFA9 }
```

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

```
.border{ border-color:#C4FFA9 }
```

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

Here you see how a box with a 4 pixel #C4FFA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4FFA9; -webkit-box-shadow:4px 4px  
4px 4px #C4FFA9; box-shadow:4px 4px 4px  
4px #C4FFA9 }
```

Background

The CSS property to change the background color of an element to Hex C4FFA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4FFA9 }
```

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

```
.background{ background-color:#C4FFA9 }
```

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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