

Converting Colors

Hex(C1FE9A)

Have a look what the booklet for
Hex(C1FE9A) contains.

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Color

Hex(C1FE9A)

Conversions

Conversions Part 1

Format	Color
Hex	C1FE9A
RGB	193, 254, 154
RGB Percent	76%, 100%, 60%
CMY	0.2431, 0.0039, 0.3961
CMYK	0.24, 0.00, 0.39, 0.00
HSL	97°, 98%, 80%
HSV	97°, 39%, 100%
XYZ	63.2669, 84.5542, 43.5579
YIQ	224.3610, -4.2560, -44.0320

Conversions

Conversions Part 2

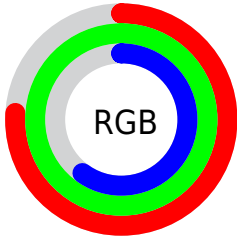
Format	Color
RYB	154, 254, 215
Decimal	12713626
CIELab	93.69, -36.24, 41.76
CIELCh	94, 55.288, 130.955
Yxy	84.5542, 0.3306, 0.4418
Android (android.graphics.Color)	4290903706 (0xFFC1FE9A)
YUV	224.3610, -34.6880, -27.5036
Hunter-Lab	91.9533, -38.1046, 36.2819

Details

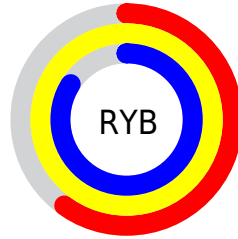
The Hex color **C1FE9A** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **D79AFE**, and the grayscale version is **E1E1E1**.

A 20% lighter version of the original color is **FBFFD1**, and **89C565** is the 20% darker color. If you saturate the color by 10%, you get **B2FE81**, and if you desaturate by 10%, it is **D0FEB3**.

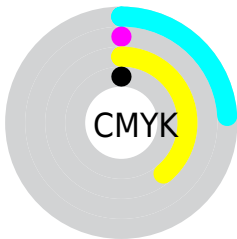
Distribution



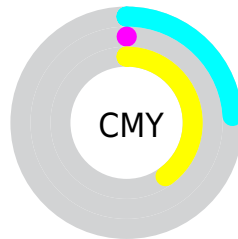
- Red (76%)
- Green (100%)
- Blue (60%)



- Red (60%)
- Yellow (100%)
- Blue (84%)



- Cyan (24%)
- Magenta (0%)
- Yellow (39%)
- Black (0%)



- Cyan (24%)
- Magenta (0%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color C1FE9A 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 C1FE9A by changing the saturation by 10% instead.

 C1FE9A

FFFFFF

 FBFFD1

 FFFFEE

 C1FE9A

 A5E17F

 89C565

 6EAA4C

 548F33

 397519

 1D5C00

 004400

 002D00

 001500

 C1FE9A

 C1FE9A

 B2FE81

 D0FEB3

 A2FE67

 E0FECB

 93FE4E

 EFFEE6

 83FE34

FFFEFF

 74FE1B

 64FE02

 63FE00

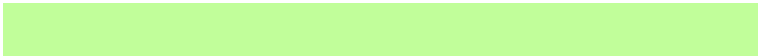
Harmonies

Analogous

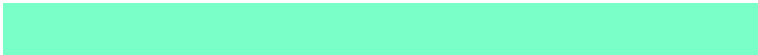
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FBF082



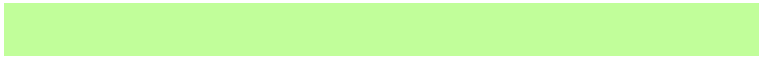
C1FE9A



7AFFC8

Triad

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



C1FE9A



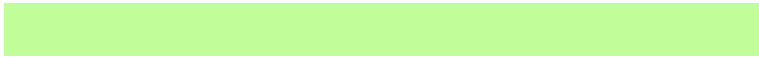
47FCFF



FFC2DB

Complementary

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



C1FE9A



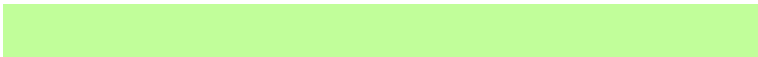
D79AFE

Split Complementary

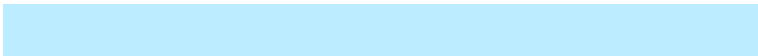
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC7FF



C1FE9A



BCECFF

Square

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



C1FE9A



00FFFF



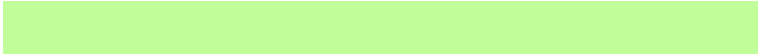
FFD8FF



FFCCA9

Rectangle

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



C1FE9A



2FFFED



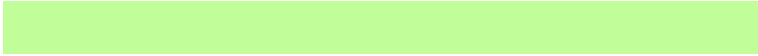
FFD8FF



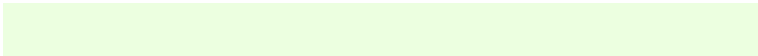
FFC2ED

Sweetspot

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



C1FE9A



ECFFE0



FED69A



75806E



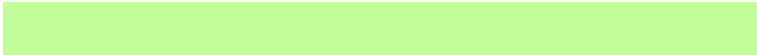
000000



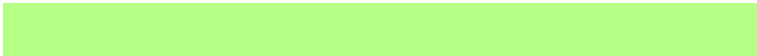
808080

Same Dimension

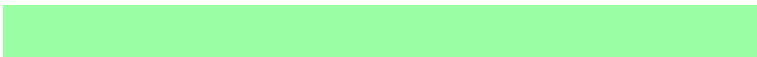
The Same Dimension uses a secret algorithm to generate beautiful new colors.



C1FE9A



B6FF87



9AFEA4



788073



4BBF00



194000

Inverse Universe

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



D79AFE



D087FF



FE9AF4



7B7380



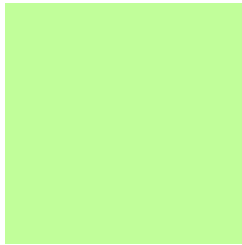
7500BF



270040

Previews

White Background



This preview shows how the Hex color C1FE9A looks on a white background.

Color Contrast Check

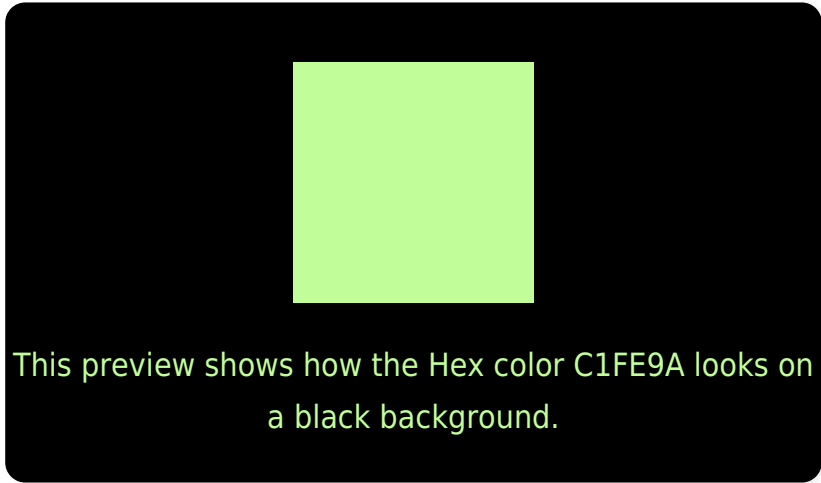
Large Text (above 18pt) WCAG AA × Fail

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

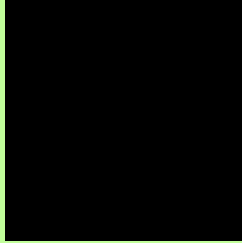
Any Text WCAG AA ✓ Pass

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 C1FE9A Background



This preview shows how black text looks on a background with the Hex color C1FE9A.

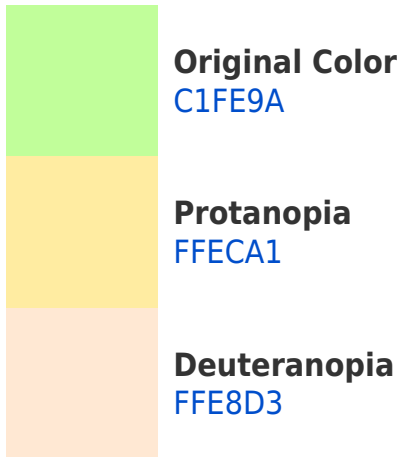


This preview shows how white text looks on a background with the Hex color C1FE9A.

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



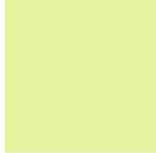


Tritanopia
D8F0FF

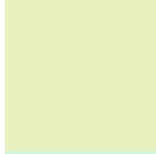
Trichromacy



Original Color
C1FE9A



Protanomaly
E8F39E

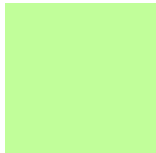


Deuteranomaly
E8F0BE

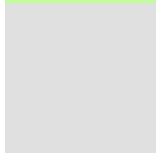


Tritanomaly
D0F5DA

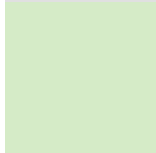
Monochromacy



Original Color
C1FE9A



Achromatopsia
E0E0E0



Achromatomaly
D5EBC7

CSS Examples

Text

The CSS property to change the color of the text to Hex C1FE9A 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 #C1FE9A looks like.

```
.text, #text, p{  
    color:#C1FE9A  
}
```

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 #C1FE9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1FE9A
}
```

Border

The CSS property to change the border of an element to Hex C1FE9A 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
#C1FE9A }
```

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

```
.border{ border-color:#C1FE9A }
```

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

Here you see how a box with a 4 pixel #C1FE9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1FE9A; -webkit-box-shadow:4px 4px  
4px 4px #C1FE9A; box-shadow:4px 4px 4px  
4px #C1FE9A }
```

Background

The CSS property to change the background color of an element to Hex C1FE9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1FE9A }
```

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

```
.background{ background-color:#C1FE9A }
```

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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