

# Converting Colors

Hex(C4FFE9)

Have a look what the booklet for  
Hex(C4FFE9) contains.

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# **Color**

**Hex(C4FFE9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4FFE9
RGB	196, 255, 233
RGB Percent	77%, 100%, 91%
CMY	0.2314, 0.0000, 0.0863
CMYK	0.23, 0.00, 0.09, 0.00
HSL	158°, 100%, 88%
HSV	158°, 23%, 100%
XYZ	73.2329, 89.1390, 90.4365
YIQ	234.8510, -28.1020, -19.3500

# Conversions

## Conversions Part 2

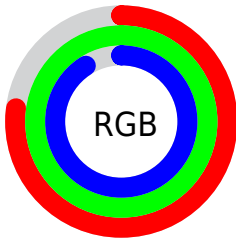
<b>Format</b>	<b>Color</b>
<b>RYB</b>	196, 232, 255
Decimal	12910569
CIELab	95.64, -22.82, 4.48
CIELCh	96, 23.256, 168.893
Yxy	89.1390, 0.2897, 0.3526
Android (android.graphics.Color)	4291100649 (0xFFC4FFE9)
YUV	234.8510, -0.9125, -34.0723
Hunter-Lab	94.4134, -26.7678, 9.2968

# Details

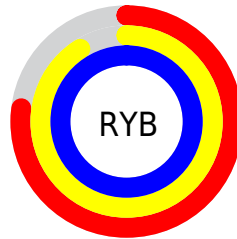
The Hex color **C4FFE9** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FFC4DA**, and the grayscale version is **EBEBEB**.

A 20% lighter version of the original color is **FDFFFF**, and **8DC6B1** is the 20% darker color. If you saturate the color by 10%, you get **ABFFDF**, and if you desaturate by 10%, it is **DEFFF3**.

# Distribution



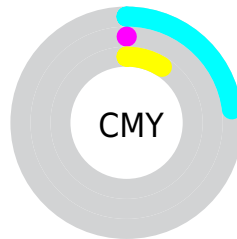
- Red (77%)
- Green (100%)
- Blue (91%)



- Red (77%)
- Yellow (91%)
- Blue (100%)



- Cyan (23%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)



- Cyan (23%)
- Magenta (0%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C4FFE9 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 C4FFE9 by changing the saturation by 10% instead.



 C4FFE9

FFFFFF

FDFFFF

 C4FFE9

 A8E2CD

 8DC6B1

 73AB97

 59907D

 407664

 265D4C

 0A4535

 002F20

 001C09

 C4FFE9

 C4FFE9

 ABFFDF

 DEFFF3

 91FFD6

 F7FFFC

 78FFCC

FFFFFF

 5EFFC3

 45FFB9

 2BFFB0

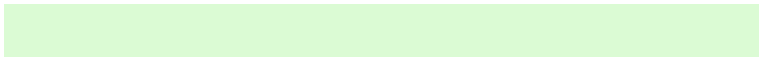
 12FFA6

 00FFA0

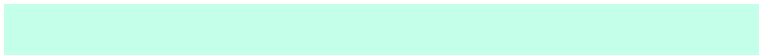
# Harmonies

## Analogous

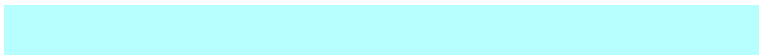
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



DBFBD4



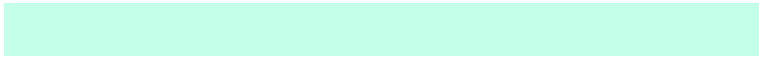
C4FFE9



B7FFFF

# Triad

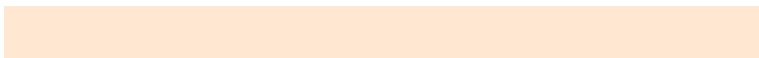
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



C4FFE9



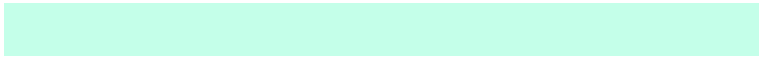
ECF0FF



FFE7D1

# Complementary

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



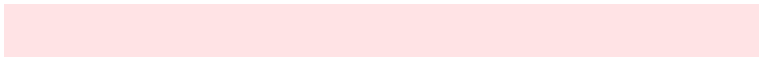
C4FFE9



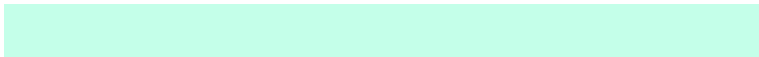
FFC4DA

# 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.



FFE3E5



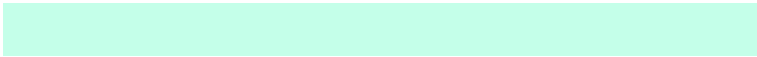
C4FFE9



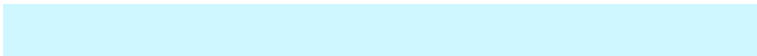
FFE8FF

# Square

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



C4FFE9



CFF7FF



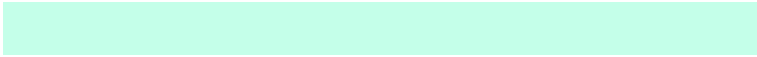
FFE3FC



FFEEC7

# Rectangle

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



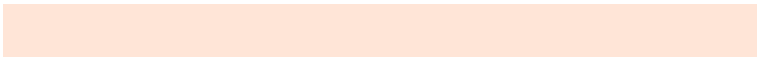
C4FFE9



B7FEFF



FFE3FC

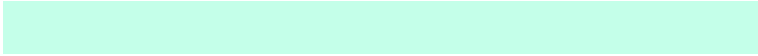


FFE5D7



# Sweetspot

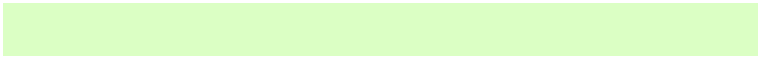
The Sweet Spot groups the original color and five complimentary colors.



C4FFE9



EDFFF8



DBFFC4



75807C



000000

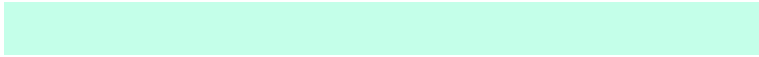


808080

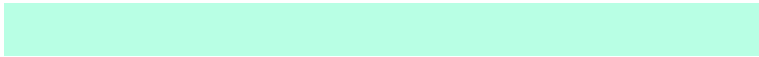


# Same Dimension

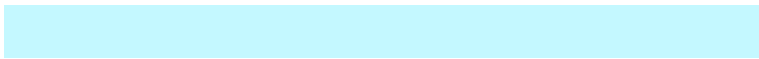
The Same Dimension uses a secret algorithm to generate beautiful new colors.



C4FFE9



B8FFE4



C4F8FF



73807B



00BF78



004028



# Inverse Universe

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



FFC4DA



FFB8D2



FFCBC4



807378



BF0047

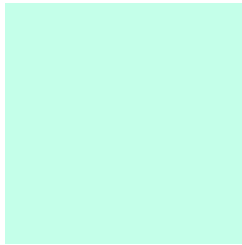


400018



# Previews

## White Background



This preview shows how the Hex color C4FFE9 looks on a white background.

## Color Contrast Check

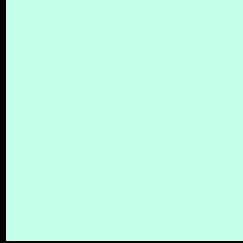
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color C4FFE9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

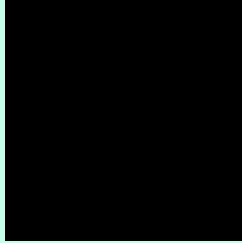
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

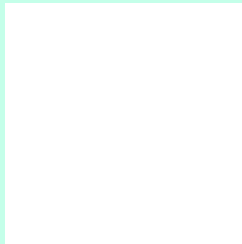
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C4FFE9 Background



This preview shows how black text looks on a background with the Hex color C4FFE9.

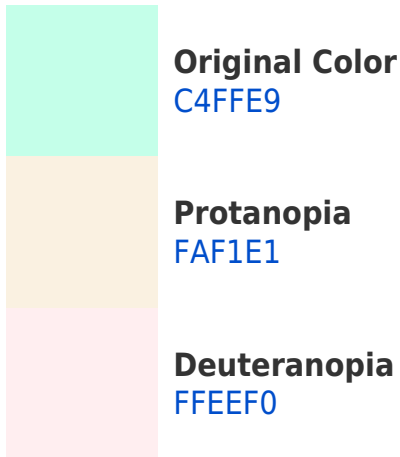


This preview shows how white text looks on a background with the Hex color C4FFE9.

# 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**  
E1F5FF

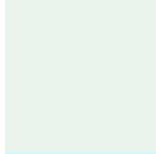
# Trichromacy



**Original Color**  
C4FFE9



**Protanomaly**  
E6F6E4

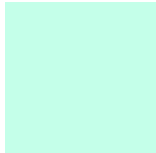


**Deuteranomaly**  
EAF4ED

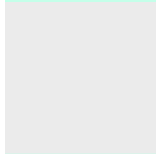


**Tritanomaly**  
D6F9F7

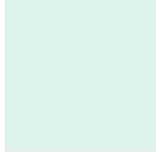
# Monochromacy



**Original Color**  
C4FFE9



**Achromatopsia**  
EBEBEB



**Achromatomaly**  
DDF2EA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C4FFE9 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 #C4FFE9 looks like.

```
.text, #text, p{  
    color:#C4FFE9  
}
```

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 #C4FFE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4FFE9
}
```

## Border

The CSS property to change the border of an element to Hex C4FFE9 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
#C4FFE9 }
```

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

```
.border{ border-color:#C4FFE9 }
```

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

Here you see how a box with a 4 pixel #C4FFE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4FFE9; -webkit-box-shadow:4px 4px  
4px 4px #C4FFE9; box-shadow:4px 4px 4px  
4px #C4FFE9 }
```

# Background

The CSS property to change the background color of an element to Hex C4FFE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4FFE9 }
```

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

```
.background{ background-color:#C4FFE9 }
```

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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