

# Converting Colors

Hex(C6FFE6)

Have a look what the booklet for  
Hex(C6FFE6) contains.

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# **Color**

**Hex(C6FFE6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C6FFE6
RGB	198, 255, 230
RGB Percent	78%, 100%, 90%
CMY	0.2235, 0.0000, 0.0980
CMYK	0.22, 0.00, 0.10, 0.00
HSL	154°, 100%, 89%
HSV	154°, 22%, 100%
XYZ	73.3316, 89.2389, 88.2228
YIQ	235.1070, -25.9470, -19.8590

# Conversions

## Conversions Part 2

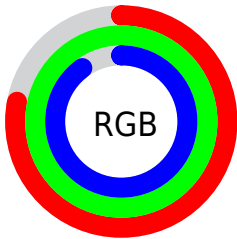
<b>Format</b>	<b>Color</b>
<b>RYB</b>	198, 235, 255
Decimal	13041638
CIELab	95.68, -22.79, 6.10
CIELCh	96, 23.596, 165.021
Yxy	89.2389, 0.2924, 0.3558
Android (android.graphics.Color)	4291231718 (0xFFC6FFE6)
YUV	235.1070, -2.5178, -32.5428
Hunter-Lab	94.4664, -26.7515, 10.7551

# Details

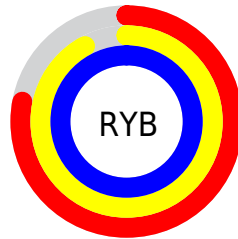
The Hex color **C6FFE6** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **FFC6DF**, and the grayscale version is **EBEBEB**.

A 20% lighter version of the original color is **FFFFFF**, and **8FC6AF** is the 20% darker color. If you saturate the color by 10%, you get **ADFFDB**, and if you desaturate by 10%, it is **E0FFF1**.

# Distribution



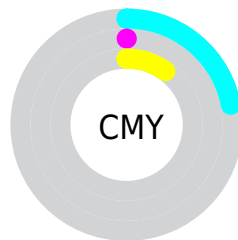
- Red (78%)
- Green (100%)
- Blue (90%)



- Red (78%)
- Yellow (92%)
- Blue (100%)



- Cyan (22%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)



- Cyan (22%)
- Magenta (0%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C6FFE6 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 C6FFE6 by changing the saturation by 10% instead.



 C6FFE6

FFFFFF

 C6FFE6

 AAE2CA

 8FC6AF

 75AB94

 5B907A

 427661

 295D4A

 0E4533

 002F1E

 001C05

 C6FFE6

 C6FFE6

 ADFFDB

 E0FFF1

 93FFD0

 F9FFFC

 7AFFC4

FFFFFF

 60FFB9

 47FFAE

 2DFFA3

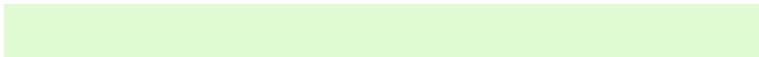
 14FF98

 00FF8F

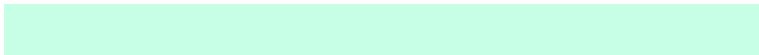
# Harmonies

## Analogous

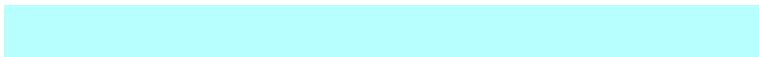
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



DEFBD2



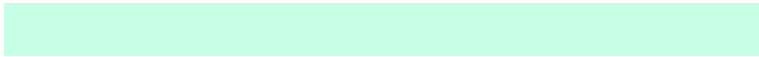
C6FFE6



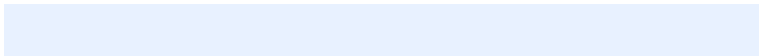
B7FFFE

# Triad

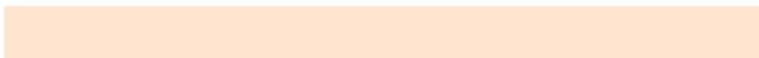
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



C6FFE6



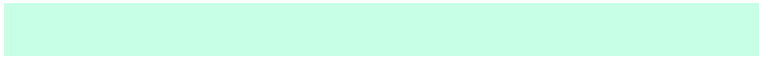
E8F1FF



FFE6D3

# Complementary

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



C6FFE6



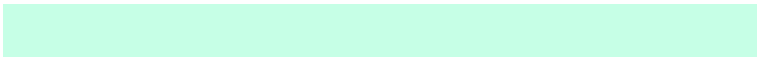
FFC6DF

# 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.



FFE3E8



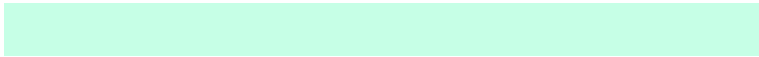
C6FFE6



FFE9FF

# Square

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



C6FFE6



CBF8FF



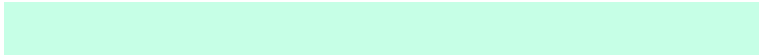
FFE4FF



FFEDC7

# Rectangle

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



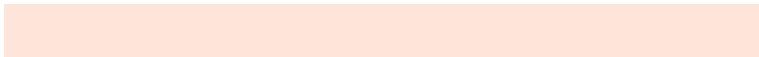
C6FFE6



B6FFFF



FFE4FF

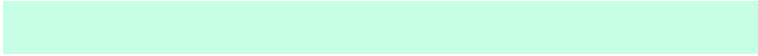


FFE5D9



# Sweetspot

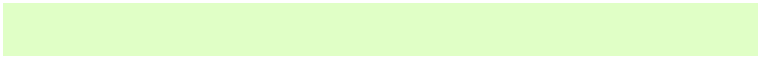
The Sweet Spot groups the original color and five complimentary colors.



C6FFE6



EDFFF7



E0FFC6



75807B



000000

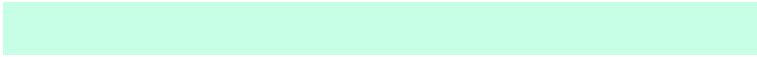


808080

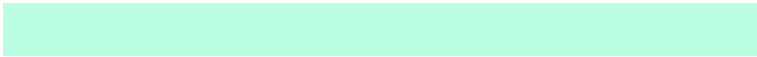


# Same Dimension

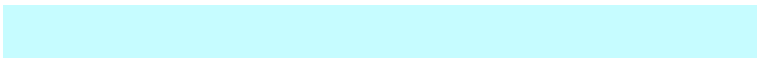
The Same Dimension uses a secret algorithm to generate beautiful new colors.



C6FFE6



BAFFE1



C6FCFF



73807A



00BF6B



004024



# Inverse Universe

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



FFC6DF



FFBAD8



FFC9C6



807378



BF0054

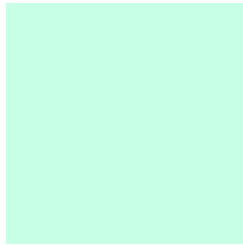


40001C



# Previews

## White Background



This preview shows how the Hex color C6FFE6 looks on a white background.

## Color Contrast Check

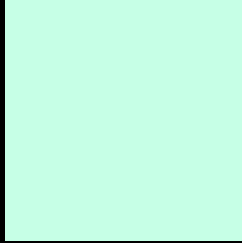
Large Text (above 18pt) WCAG AA × Fail

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 C6FFE6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

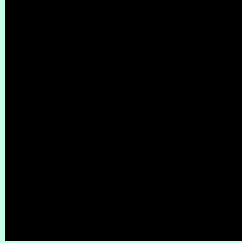
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C6FFE6 Background



This preview shows how black text looks on a background with the Hex color C6FFE6.



This preview shows how white text looks on a background with the Hex color C6FFE6.

# 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



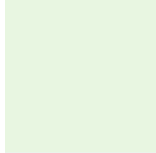


**Tritanopia**  
E2F5FF

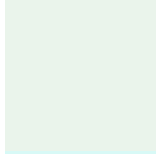
# Trichromacy



**Original Color**  
C6FFE6



**Protanomaly**  
E8F6E1

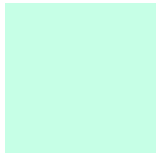


**Deuteranomaly**  
EAF4EB

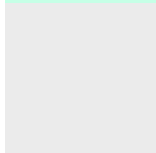


**Tritanomaly**  
D8F9F6

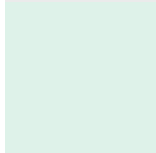
# Monochromacy



**Original Color**  
C6FFE6



**Achromatopsia**  
EBEBEB



**Achromatomaly**  
DEF2E9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C6FFE6 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 #C6FFE6 looks like.

```
.text, #text, p{  
    color:#C6FFE6  
}
```

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 #C6FFE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6FFE6  
}
```

## Border

The CSS property to change the border of an element to Hex C6FFE6 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  
#C6FFE6 }
```

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

```
.border{ border-color:#C6FFE6 }
```

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

Here you see how a box with a 4 pixel #C6FFE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6FFE6; -webkit-box-shadow:4px 4px  
4px 4px #C6FFE6; box-shadow:4px 4px 4px  
4px #C6FFE6 }
```

# Background

The CSS property to change the background color of an element to Hex C6FFE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6FFE6 }
```

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

```
.background{ background-color:#C6FFE6 }
```

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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