

# Converting Colors

Hex(C7FE67)

Have a look what the booklet for  
Hex(C7FE67) contains.

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# Color

**Hex(C7FE67)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7FE67
RGB	199, 254, 103
RGB Percent	78%, 100%, 40%
CMY	0.2196, 0.0039, 0.5961
CMYK	0.22, 0.00, 0.59, 0.00
HSL	82°, 99%, 70%
HSV	82°, 59%, 100%
XYZ	61.4432, 84.0050, 25.8082
YIQ	220.3410, 15.6910, -58.6210

# Conversions

## Conversions Part 2

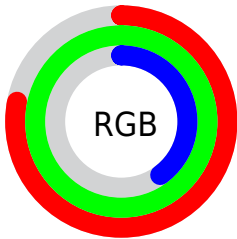
<b>Format</b>	<b>Color</b>
<b>RYB</b>	103, 254, 158
Decimal	13106791
CIELab	93.45, -39.45, 64.94
CIElCh	93, 75.981, 121.278
Yxy	84.0050, 0.3588, 0.4905
Android (android.graphics.Color)	4291296871 (0xFFC7FE67)
YUV	220.3410, -57.8491, -18.7161
Hunter-Lab	91.6542, -40.7321, 47.4630

# Details

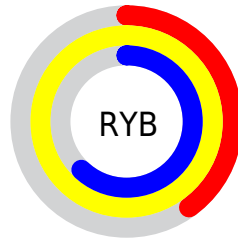
The Hex color **C7FE67** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **9E67FE**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **FFFF9F**, and **8EC52D** is the 20% darker color. If you saturate the color by 10%, you get **BEFE4E**, and if you desaturate by 10%, it is **D0FE80**.

# Distribution



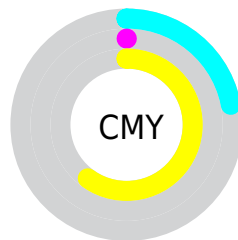
- Red (78%)
- Green (100%)
- Blue (40%)



- Red (40%)
- Yellow (100%)
- Blue (62%)



- Cyan (22%)
- Magenta (0%)
- Yellow (59%)
- Black (0%)



- Cyan (22%)
- Magenta (0%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C7FE67 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 C7FE67 by changing the saturation by 10% instead.



 C7FE67

 C7FE67

FFFFFF

 AAE14B

 FFFF9F

 8EC52D

 FFFFBB

 71AA00

 FFFFD8

 558F00

 FFFFF5

 397500

 1A5C00

 004400

 002D00

 001400

 C7FE67

 C7FE67

 BEFE4E

 D0FE80

 B4FE34

 DAFE9A

 ABFE1B

 E3FEB3

 A2FE01

 ECFECD

 A1FE00

 F5FEE6

FFFEFF

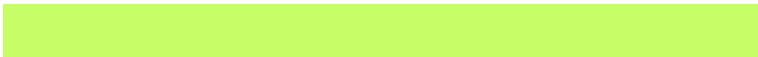
# Harmonies

## Analogous

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



FFE94F



C7FE67



5CFFA3

# Triad

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



C7FE67



00FFFF



FFAAEC

# Complementary

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



C7FE67



9E67FE

# 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.



FFBAFF



C7FE67



49F3FF

# Square

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



C7FE67



00FFFF



F3D8FF



FFB4A4

# Rectangle

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



C7FE67



00FFD4



F3D8FF



FFADFF



# Sweetspot

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



C7FE67



EEFFD1



FE9C67



758063



000000



808080



# Same Dimension

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



C7FE67



BDF4A



7EFE67



7B8073



7ABF00



294000



# Inverse Universe

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



9E67FE



8C4AFF



E767FE



777380



4600BF

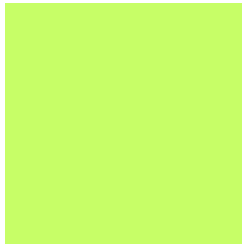


170040



# Previews

## White Background



This preview shows how the Hex color C7FE67 looks on a white background.

## Color Contrast Check

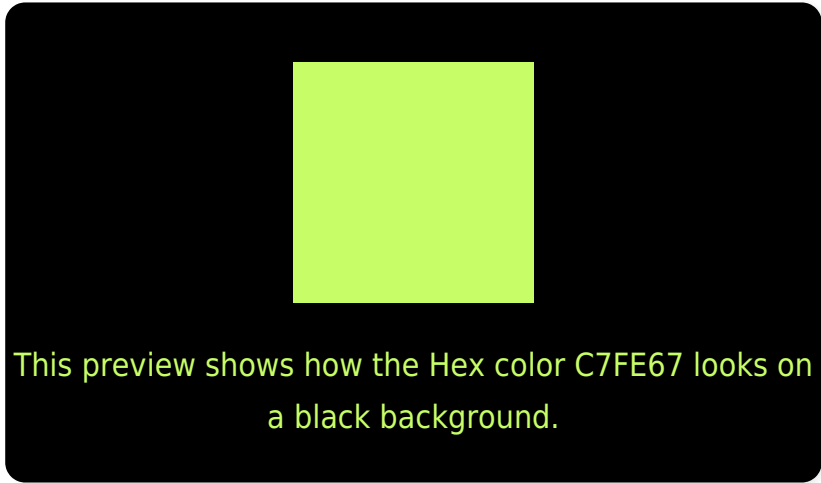
Large Text (above 18pt) WCAG AA × Fail

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 C7FE67 Background



This preview shows how black text looks on a background with the Hex color C7FE67.

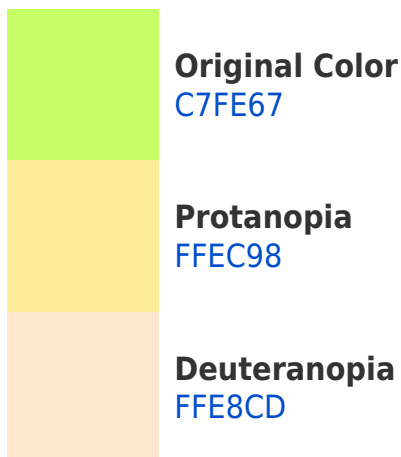


This preview shows how white text looks on a background with the Hex color C7FE67.

# Color Blindness Simulation

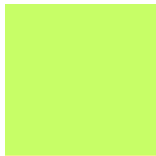
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

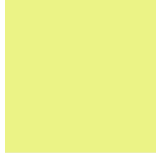




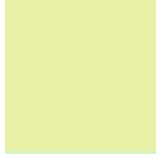
# Trichromacy



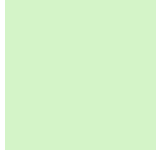
**Original Color**  
C7FE67



**Protanomaly**  
EBF386

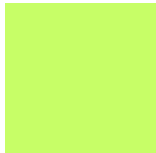


**Deuteranomaly**  
EBF0A8

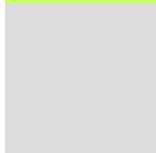


**Tritanomaly**  
D4F4C8

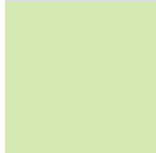
# Monochromacy



**Original Color**  
C7FE67



**Achromatopsia**  
DCDCDC



**Achromatomaly**  
D4E8B1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C7FE67 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 #C7FE67 looks like.

```
.text, #text, p{  
    color:#C7FE67  
}
```

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 #C7FE67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7FE67
}
```

## Border

The CSS property to change the border of an element to Hex C7FE67 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
#C7FE67 }
```

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

```
.border{ border-color:#C7FE67 }
```

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

Here you see how a box with a 4 pixel #C7FE67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7FE67; -webkit-box-shadow:4px 4px  
4px 4px #C7FE67; box-shadow:4px 4px 4px  
4px #C7FE67 }
```

# Background

The CSS property to change the background color of an element to Hex C7FE67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7FE67 }
```

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

```
.background{ background-color:#C7FE67 }
```

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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