

# Converting Colors

Hex(C3FF7B)

Have a look what the booklet for  
Hex(C3FF7B) contains.

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# Color

Hex(C3FF7B)

# Conversions

## Conversions Part 1

Format	Color
Hex	C3FF7B
RGB	195, 255, 123
RGB Percent	76%, 100%, 48%
CMY	0.2353, 0.0000, 0.5176
CMYK	0.24, 0.00, 0.52, 0.00
HSL	87°, 100%, 74%
HSV	87°, 52%, 100%
XYZ	61.8408, 84.5522, 31.7997
YIQ	222.0120, 6.6120, -53.7720

# Conversions

## Conversions Part 2

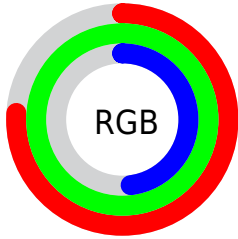
Format	Color
<a href="#">RYB</a>	<a href="#">123, 255, 183</a>
Decimal	<a href="#">12844923</a>
CIELab	<a href="#">93.69, -39.54, 56.43</a>
CIElCh	<a href="#">94, 68.901, 125.021</a>
Yxy	<a href="#">84.5522, 0.3470, 0.4745</a>
Android (android.graphics.Color)	<a href="#">4291035003 (0xFFC3FF7B)</a>
YUV	<a href="#">222.0120, -48.8129, -23.6895</a>
Hunter-Lab	<a href="#">91.9522, -40.8695, 43.8624</a>

# Details

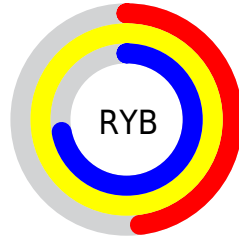
The Hex color **C3FF7B** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **B77BFF**, and the grayscale version is **DEDEDE**.

A 20% lighter version of the original color is **FEFFB2**, and **8AC645** is the 20% darker color. If you saturate the color by 10%, you get **B7FF62**, and if you desaturate by 10%, it is **CFFF95**.

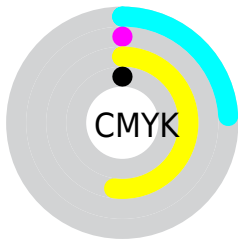
# Distribution



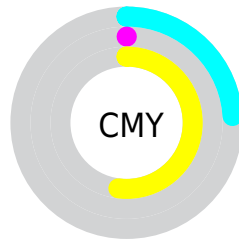
- Red (76%)
- Green (100%)
- Blue (48%)



- Red (48%)
- Yellow (100%)
- Blue (72%)



- Cyan (24%)
- Magenta (0%)
- Yellow (52%)
- Black (0%)



- Cyan (24%)
- Magenta (0%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C3FF7B 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 C3FF7B by changing the saturation by 10% instead.



 C3FF7B

FFFFFF

 FEFFB2

 FFFFCF

 FFFFEC

 C3FF7B

 A6E260

 8AC645

 6FAA29

 539002

 377600

 195D00

 004400

 002E00

 001500

 C3FF7B

 C3FF7B

 B7FF62

 CFFF95

 ACFF48

 DAFFAE

 A0FF2F

 E6FFC8

 95FF15

 F1FFE1

 8BFF00

 FDFFFB

FFFFFF

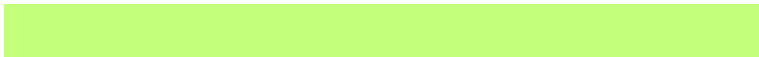
# Harmonies

## Analogous

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



FFED62



C3FF7B



63FFB2

# Triad

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



C3FF7B



00FFFF



FFB3E4

# Complementary

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



C3FF7B



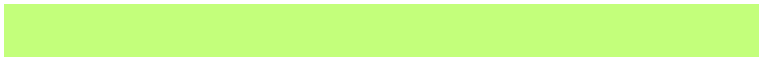
B77BFF

# 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.



FFBEFF



C3FF7B



87F0FF

# Square

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



C3FF7B



00FFFF



FFD7FF



FFBEA4

# Rectangle

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



C3FF7B



00FFDF



FFD7FF



FFB4FB



# Sweetspot

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



C3FF7B



ECFFD6



FFB67B



748067



000000

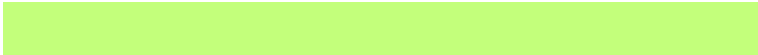


808080

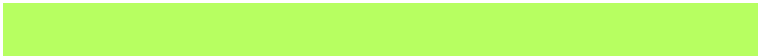


# Same Dimension

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



C3FF7B



B7FF61



82FF7B



7A8073



68BF00



234000



# Inverse Universe

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



B77BFF



A961FF



F87BFF



797380



5700BF

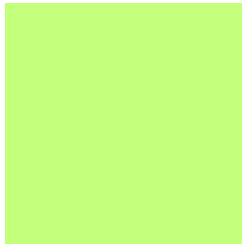


1D0040



# Previews

## White Background



This preview shows how the Hex color C3FF7B looks on a white background.

## Color Contrast Check

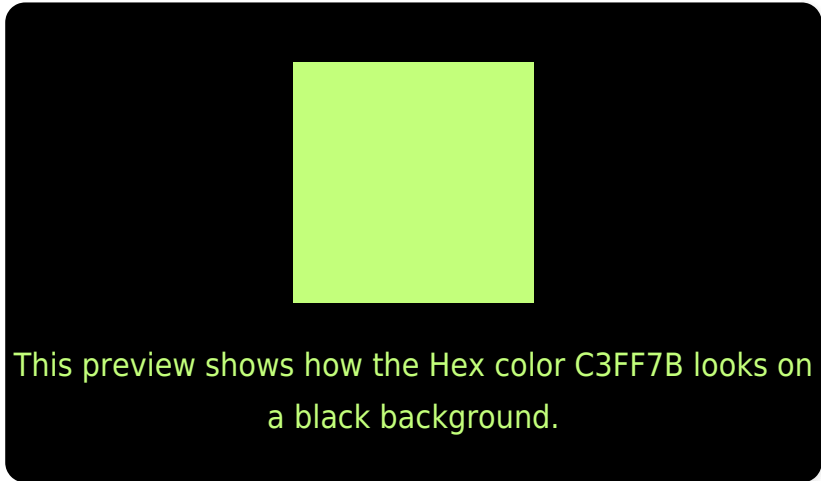
Large Text (above 18pt) WCAG AA × Fail

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 C3FF7B Background



This preview shows how black text looks on a background with the Hex color C3FF7B.

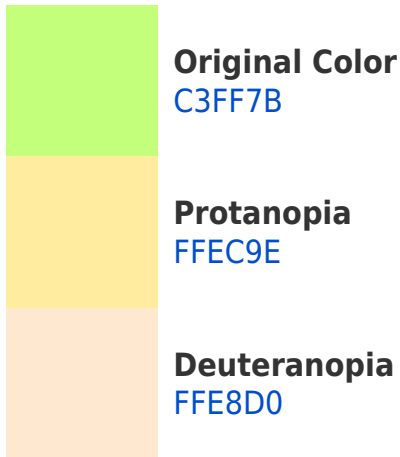


This preview shows how white text looks on a background with the Hex color C3FF7B.

# 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

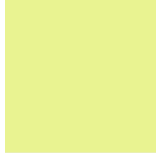




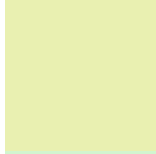
# Trichromacy



**Original Color**  
C3FF7B



**Protanomaly**  
E9F391



**Deuteranomaly**  
E9F0B1

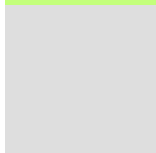


**Tritanomaly**  
D2F5CF

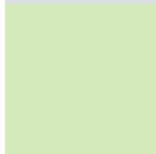
# Monochromacy



**Original Color**  
C3FF7B



**Achromatopsia**  
DEDEDE



**Achromatomaly**  
D4EABA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C3FF7B 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 #C3FF7B looks like.

```
.text, #text, p{  
    color:#C3FF7B  
}
```

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 #C3FF7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3FF7B  
}
```

## Border

The CSS property to change the border of an element to Hex C3FF7B 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  
#C3FF7B }
```

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

```
.border{ border-color:#C3FF7B }
```

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

Here you see how a box with a 4 pixel #C3FF7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3FF7B; -webkit-box-shadow:4px 4px  
4px 4px #C3FF7B; box-shadow:4px 4px 4px  
4px #C3FF7B }
```

# Background

The CSS property to change the background color of an element to Hex C3FF7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3FF7B }
```

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

```
.background{ background-color:#C3FF7B }
```

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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