

# Converting Colors

Hex(D8FF7B)

Have a look what the booklet for  
Hex(D8FF7B) contains.

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# Color

Hex(D8FF7B)

# Conversions

## Conversions Part 1

Format	Color
Hex	D8FF7B
RGB	216, 255, 123
RGB Percent	85%, 100%, 48%
CMY	0.1529, 0.0000, 0.5176
CMYK	0.15, 0.00, 0.52, 0.00
HSL	78°, 100%, 74%
HSV	78°, 52%, 100%
XYZ	67.6541, 87.5490, 32.0718
YIQ	228.2910, 19.1280, -49.3200

# Conversions

## Conversions Part 2

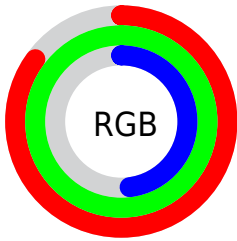
<b>Format</b>	<b>Color</b>
<b>RYB</b>	123, 255, 162
Decimal	14221179
CIELab	94.97, -31.89, 58.26
CIELCh	95, 66.415, 118.696
Yxy	87.5490, 0.3613, 0.4675
Android (android.graphics.Color)	4292411259 (0xFFD8FF7B)
YUV	228.2910, -51.9085, -10.7792
Hunter-Lab	93.5676, -34.6789, 45.1747

# Details

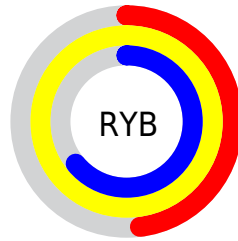
The Hex color **D8FF7B** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **A27BFF**, and the grayscale version is **E5E5E5**.

A 20% lighter version of the original color is **FFFFB2**, and **9FC645** is the 20% darker color. If you saturate the color by 10%, you get **D0FF62**, and if you desaturate by 10%, it is **E0FF95**.

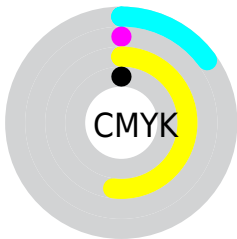
# Distribution



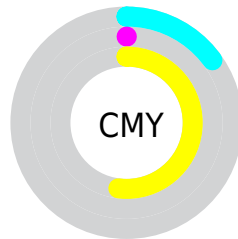
- Red (85%)
- Green (100%)
- Blue (48%)



- Red (48%)
- Yellow (100%)
- Blue (64%)



- Cyan (15%)
- Magenta (0%)
- Yellow (52%)
- Black (0%)



- Cyan (15%)
- Magenta (0%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D8FF7B 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 D8FF7B by changing the saturation by 10% instead.



 D8FF7B

 D8FF7B

FFFFFF

 BBE260

 FFFFB2

 9FC645

 FFFFCF

 83AB28

 FFFFEC

 689000

 4C7600

 325D00

 144500

 002F00

 001A00

 D8FF7B

 D8FF7B

 D0FF62

 E0FF95

 C9FF48

 E7FFAE

 C1FF2F

 EFFF C8

 BAFF15

 F6FFE1

 B4FF00

 FEFFFF

FFFFFF

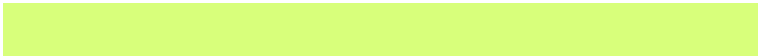
# Harmonies

## Analogous

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



FFEC6C



D8FF7B



86FFAB

# Triad

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



D8FF7B



00FFFF



FFBAF6

# Complementary

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



D8FF7B



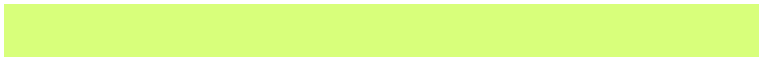
A27BFF

# 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.



FFC8FF



D8FF7B



71F8FF

# Square

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



D8FF7B



00FFFF



FOE1FF



FFC0B6

# Rectangle

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



D8FF7B



15FFD5



F0E1FF



FFBDFF

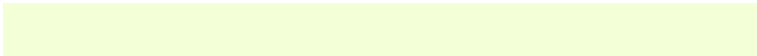


# Sweetspot

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



D8FF7B



F3FFD6



FFA07B



788067



000000



808080

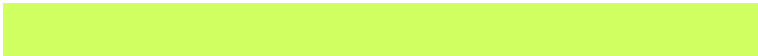


# Same Dimension

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



D8FF7B



D0FF61



98FF7B



7C8073



87BF00



2D4000



# Inverse Universe

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



A27BFF



9061FF



E27BFF



777380



3900BF

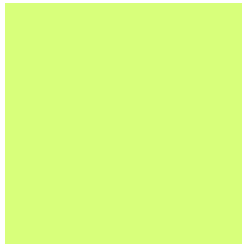


130040



# Previews

## White Background



This preview shows how the Hex color D8FF7B looks on a white background.

## Color Contrast Check

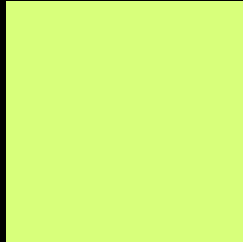
Large Text (above 18pt) WCAG AA × Fail

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 D8FF7B 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 D8FF7B Background



This preview shows how black text looks on a background with the Hex color D8FF7B.

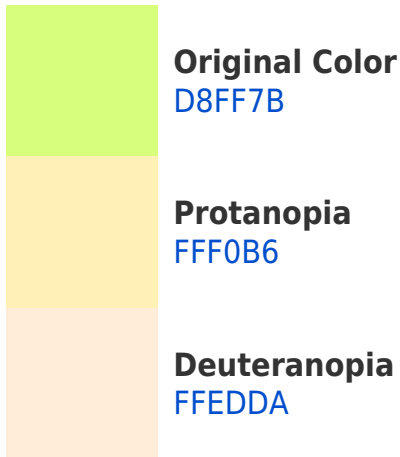


This preview shows how white text looks on a background with the Hex color D8FF7B.

# Color Blindness Simulation

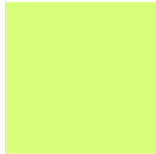
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

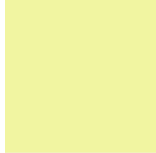




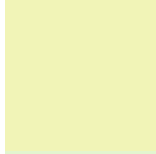
# Trichromacy



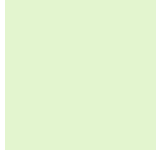
**Original Color**  
D8FF7B



**Protanomaly**  
F1F5A1



**Deuteranomaly**  
F1F4B7

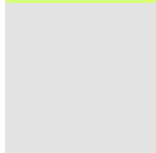


**Tritanomaly**  
E3F5CF

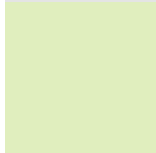
# Monochromacy



**Original Color**  
D8FF7B



**Achromatopsia**  
E4E4E4



**Achromatomaly**  
E0EEBE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D8FF7B 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 #D8FF7B looks like.

```
.text, #text, p{  
    color:#D8FF7B  
}
```

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 #D8FF7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D8FF7B  
}
```

## Border

The CSS property to change the border of an element to Hex D8FF7B 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  
#D8FF7B }
```

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

```
.border{ border-color:#D8FF7B }
```

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

Here you see how a box with a 4 pixel #D8FF7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D8FF7B; -webkit-box-shadow:4px 4px  
4px 4px #D8FF7B; box-shadow:4px 4px 4px  
4px #D8FF7B }
```

# Background

The CSS property to change the background color of an element to Hex D8FF7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D8FF7B }
```

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

```
.background{ background-color:#D8FF7B }
```

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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