

# Converting Colors

Hex(D4FF7C)

Have a look what the booklet for  
Hex(D4FF7C) contains.

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# **Color**

**Hex(D4FF7C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D4FF7C
RGB	212, 255, 124
RGB Percent	83%, 100%, 49%
CMY	0.1686, 0.0000, 0.5137
CMYK	0.17, 0.00, 0.51, 0.00
HSL	80°, 100%, 74%
HSV	80°, 51%, 100%
XYZ	66.5495, 86.9723, 32.3486
YIQ	227.2090, 16.4230, -49.8570

# Conversions

## Conversions Part 2

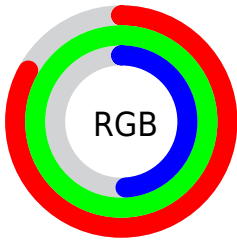
Format	Color
<a href="#">RYB</a>	<a href="#">124, 255, 167</a>
Decimal	<a href="#">13959036</a>
CIELab	<a href="#">94.73, -33.28, 57.45</a>
CIELCh	<a href="#">95, 66.398, 120.082</a>
Yxy	<a href="#">86.9723, 0.3580, 0.4679</a>
Android (android.graphics.Color)	<a href="#">4292149116 (0xFFD4FF7C)</a>
YUV	<a href="#">227.2090, -50.8820, -13.3383</a>
Hunter-Lab	<a href="#">93.2589, -35.8257, 44.7154</a>

# Details

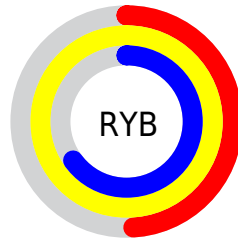
The Hex color **D4FF7C** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **A77CFF**, and the grayscale version is **E4E4E4**.

A 20% lighter version of the original color is **FFFFB3**, and **9BC646** is the 20% darker color. If you saturate the color by 10%, you get **CCFF63**, and if you desaturate by 10%, it is **DCFF96**.

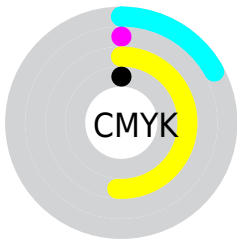
# Distribution



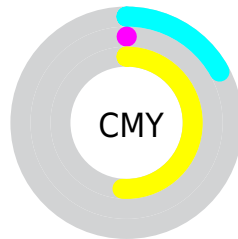
- Red (83%)
- Green (100%)
- Blue (49%)



- Red (49%)
- Yellow (100%)
- Blue (65%)



- Cyan (17%)
- Magenta (0%)
- Yellow (51%)
- Black (0%)



- Cyan (17%)
- Magenta (0%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D4FF7C 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 D4FF7C by changing the saturation by 10% instead.



 D4FF7C

 D4FF7C

FFFFFF

 B7E261

 FFFFB3

 9BC646

 FFFFD0

 7FAB2A

 FFFFED

 649003

 497600

 2E5D00

 0E4500

 002E00

 001900

 D4FF7C

 D4FF7C

 CCFF63

 DCFF96

 C3FF49

 E5FFAF

 BBFF30

 EDFFC9

 B3FF16

 F5FFE2

 ABFF00

 FEFFFC

 FFFFFFFF

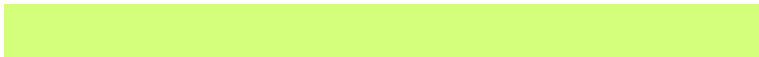
# Harmonies

## Analogous

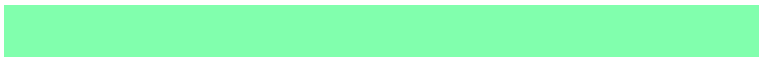
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFEC6B



D4FF7C



81FFAD

# Triad

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



D4FF7C



00FFFF



FFB9F2

# Complementary

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



D4FF7C



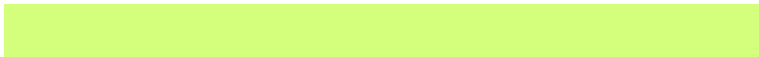
A77CFF

# 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.



FFC7FF



D4FF7C



78F7FF

# Square

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



D4FF7C



00FFFF



F4DFFF



FFC0B3

# Rectangle

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



D4FF7C



00FFD8



F4DFFF



FFBCFF

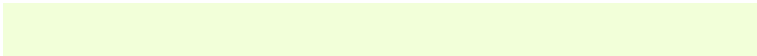


# Sweetspot

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



D4FF7C



F2FFD9



FFA57C



788069



000000

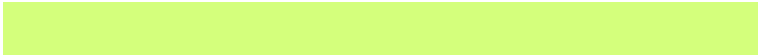


808080



# Same Dimension

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



D4FF7C



CBFF61



94FF7C



7B8073



80BF00



2B4000



# Inverse Universe

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



A77CFF



9561FF



E77CFF



777380



3F00BF

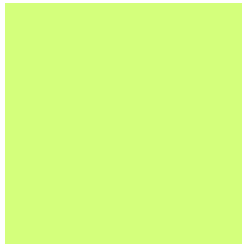


150040



# Previews

## White Background



This preview shows how the Hex color D4FF7C looks on a white background.

## Color Contrast Check

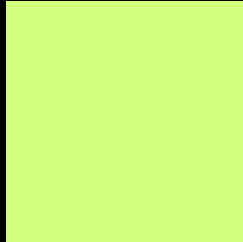
Large Text (above 18pt) WCAG AA × Fail

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 D4FF7C 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 D4FF7C Background



This preview shows how black text looks on a background with the Hex color D4FF7C.

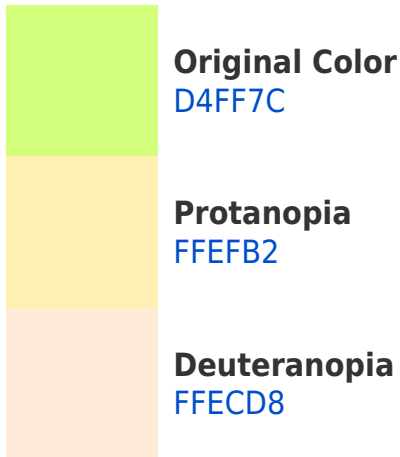


This preview shows how white text looks on a background with the Hex color D4FF7C.

# 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](#).

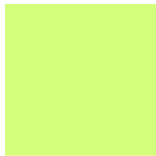
## Dichromacy



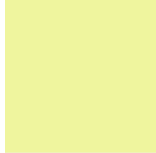


**Tritanopia**  
E7F0FF

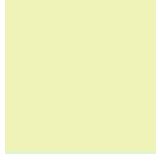
# Trichromacy



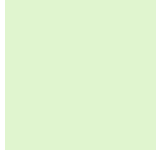
**Original Color**  
D4FF7C



**Protanomaly**  
EFF59E

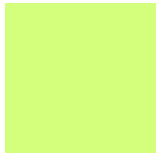


**Deuteranomaly**  
EFF3B7

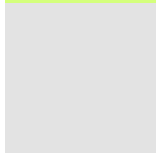


**Tritanomaly**  
E0F5CF

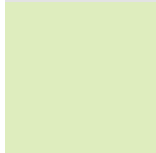
# Monochromacy



**Original Color**  
D4FF7C



**Achromatopsia**  
E3E3E3



**Achromatomaly**  
DEEDBE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D4FF7C 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 #D4FF7C looks like.

```
.text, #text, p{  
    color:#D4FF7C  
}
```

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 #D4FF7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D4FF7C
}
```

## Border

The CSS property to change the border of an element to Hex D4FF7C 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
#D4FF7C }
```

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

```
.border{ border-color:#D4FF7C }
```

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

Here you see how a box with a 4 pixel #D4FF7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D4FF7C; -webkit-box-shadow:4px 4px  
4px 4px #D4FF7C; box-shadow:4px 4px 4px  
4px #D4FF7C }
```

# Background

The CSS property to change the background color of an element to Hex D4FF7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D4FF7C }
```

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

```
.background{ background-color:#D4FF7C }
```

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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