

# Converting Colors

Hex(D4FFA3)

Have a look what the booklet for  
Hex(D4FFA3) contains.

<b>Hex(D4FFA3)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(D4FFA3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D4FFA3
RGB	212, 255, 163
RGB Percent	83%, 100%, 64%
CMY	0.1686, 0.0000, 0.3608
CMYK	0.17, 0.00, 0.36, 0.00
HSL	88°, 100%, 82%
HSV	88°, 36%, 100%
XYZ	69.5222, 88.1614, 48.0030
YIQ	231.6550, 3.9040, -37.7280

# Conversions

## Conversions Part 2

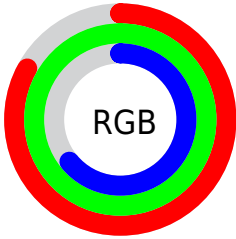
<b>Format</b>	<b>Color</b>
<b>RYB</b>	163, 255, 206
Decimal	13959075
CIELab	95.23, -28.93, 39.56
CIElCh	95, 49.007, 126.182
Yxy	88.1614, 0.3380, 0.4286
Android (android.graphics.Color)	4292149155 (0xFFD4FFA3)
YUV	231.6550, -33.8469, -17.2374
Hunter-Lab	93.8943, -32.1481, 35.4143

# Details

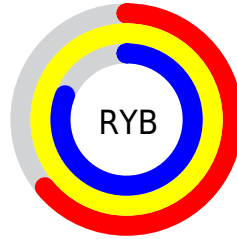
The Hex color **D4FFA3** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **CEA3FF**, and the grayscale version is **E8E8E8**.

A 20% lighter version of the original color is **FFFFDB**, and **9CC66E** is the 20% darker color. If you saturate the color by 10%, you get **C8FF89**, and if you desaturate by 10%, it is **E0FFBC**.

# Distribution



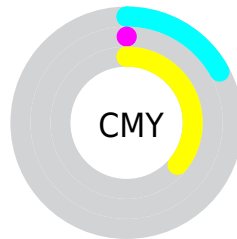
- Red (83%)
- Green (100%)
- Blue (64%)



- Red (64%)
- Yellow (100%)
- Blue (81%)



- Cyan (17%)
- Magenta (0%)
- Yellow (36%)
- Black (0%)



- Cyan (17%)
- Magenta (0%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D4FFA3 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 D4FFA3 by changing the saturation by 10% instead.



 D4FFA3

FFFFFF

 FFFFDB

 FFFFF8

 D4FFA3

 B8E288

 9CC66E


 81AB55

 67903C

 4D7623

 345D07

 1B4500

 002F00

 001B00

 D4FFA3

 D4FFA3

 C8FF89

 E0FFBC

 BCFF70

 ECFFD6

 B0FF56

 F8FFEF

 A4FF3D

FFFFFF

 98FF23

 8CFF0A

 88FF00

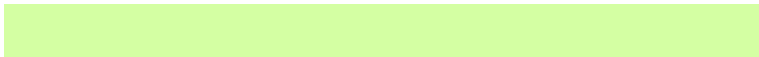
# Harmonies

## Analogous

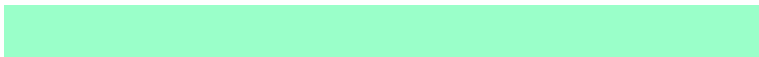
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFF292



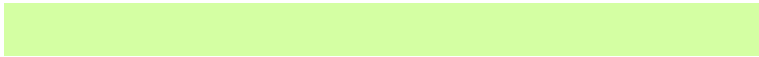
D4FFA3



9AFFC9

# Triad

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



D4FFA3



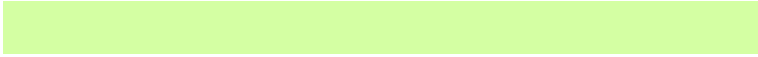
68FFFF



FFCCE9

# Complementary

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



D4FFA3



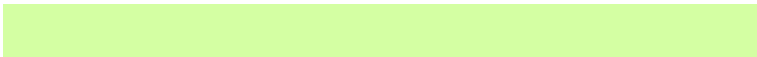
CEA3FF

# Split Complementary

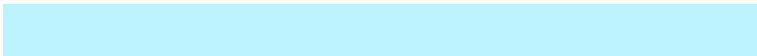
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFD2FF



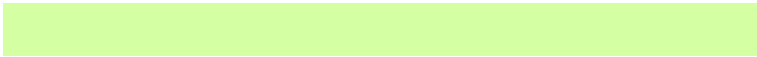
D4FFA3



BDF3FF

# Square

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



D4FFA3



1DFFFF



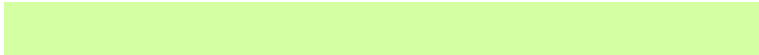
FFE1FF



FFD3BC

# Rectangle

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



D4FFA3



6EFFE9



FFE1FF

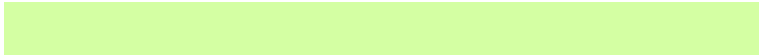


FFCDF9

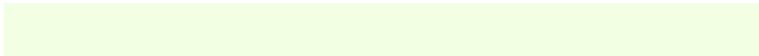


# Sweetspot

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



D4FFA3



F2FFE3



FFCEA3



78806F



000000

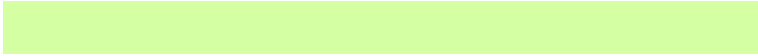


808080



# Same Dimension

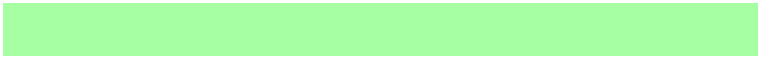
The Same Dimension uses a secret algorithm to generate beautiful new colors.



D4FFA3



CCFF91



A6FFA3



7A8073



66BF00



224000



# Inverse Universe

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



CEA3FF



C591FF



FCA3FF



797380



5900BF

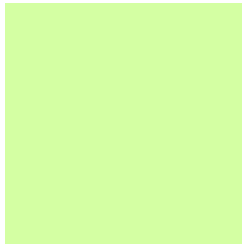


1E0040



# Previews

## White Background



This preview shows how the Hex color D4FFA3 looks on a white background.

## Color Contrast Check

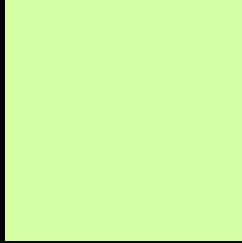
Large Text (above 18pt) WCAG AA × Fail

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 D4FFA3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

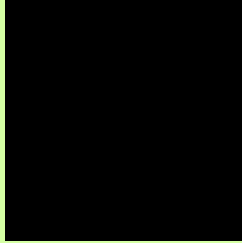
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

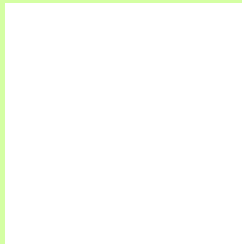
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D4FFA3 Background



This preview shows how black text looks on a background with the Hex color D4FFA3.

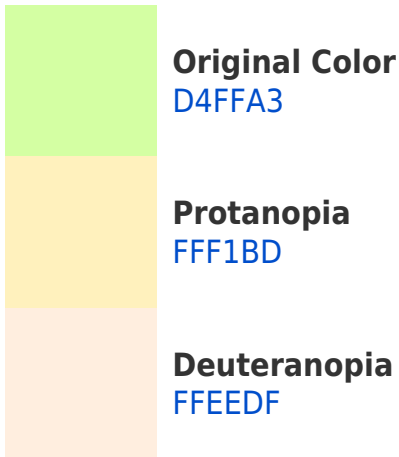


This preview shows how white text looks on a background with the Hex color D4FFA3.

# 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](#).

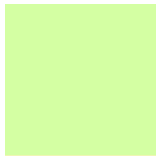
## Dichromacy



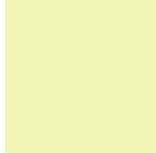


**Tritanopia**  
E7F2FF

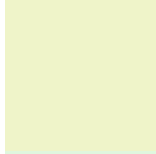
# Trichromacy



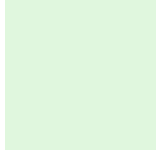
**Original Color**  
D4FFA3



**Protanomaly**  
EFF6B4



**Deuteranomaly**  
EFF4C9

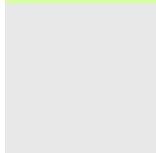


**Tritanomaly**  
E0F7DE

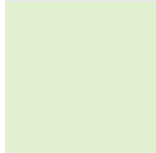
# Monochromacy



**Original Color**  
D4FFA3



**Achromatopsia**  
E8E8E8



**Achromatomaly**  
E1F0CF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D4FFA3 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 #D4FFA3 looks like.

```
.text, #text, p{  
    color:#D4FFA3  
}
```

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 #D4FFA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D4FFA3
}
```

## Border

The CSS property to change the border of an element to Hex D4FFA3 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
#D4FFA3 }
```

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

```
.border{ border-color:#D4FFA3 }
```

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

Here you see how a box with a 4 pixel #D4FFA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D4FFA3; -webkit-box-shadow:4px 4px  
4px 4px #D4FFA3; box-shadow:4px 4px 4px  
4px #D4FFA3 }
```

# Background

The CSS property to change the background color of an element to Hex D4FFA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D4FFA3 }
```

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

```
.background{ background-color:#D4FFA3 }
```

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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