

# Converting Colors

Hex(D3FFB7)

Have a look what the booklet for  
Hex(D3FFB7) contains.

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# **Color**

**Hex(D3FFB7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D3FFB7
RGB	211, 255, 183
RGB Percent	83%, 100%, 72%
CMY	0.1725, 0.0000, 0.2824
CMYK	0.17, 0.00, 0.28, 0.00
HSL	97°, 100%, 86%
HSV	97°, 28%, 100%
XYZ	71.1712, 88.7878, 58.1864
YIQ	233.6360, -3.1120, -31.7200

# Conversions

## Conversions Part 2

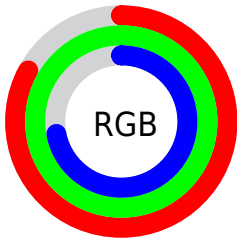
Format	Color
<a href="#">RYB</a>	<a href="#">183, 255, 227</a>
Decimal	<a href="#">13893559</a>
CIELab	<a href="#">95.49, -26.53, 29.93</a>
CIELCh	<a href="#">95, 39.994, 131.556</a>
Yxy	<a href="#">88.7878, 0.3263, 0.4070</a>
Android (android.graphics.Color)	<a href="#">4292083639</a> ( <a href="#">0xFFD3FFB7</a> )
YUV	<a href="#">233.6360, -24.9635, -19.8518</a>
Hunter-Lab	<a href="#">94.2273, -30.0741, 29.3469</a>

# Details

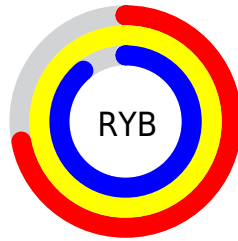
The Hex color **D3FFB7** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **E3B7FF**, and the grayscale version is **EAEAEA**.

A 20% lighter version of the original color is **FFFFFF**, and **9CC682** is the 20% darker color. If you saturate the color by 10%, you get **C3FF9E**, and if you desaturate by 10%, it is **E3FFD1**.

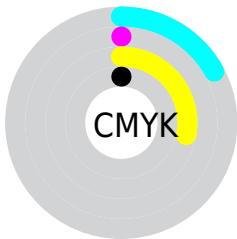
# Distribution



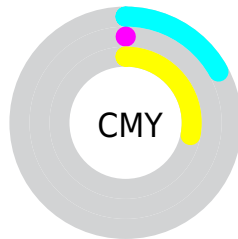
- Red (83%)
- Green (100%)
- Blue (72%)



- Red (72%)
- Yellow (100%)
- Blue (89%)



- Cyan (17%)
- Magenta (0%)
- Yellow (28%)
- Black (0%)



- Cyan (17%)
- Magenta (0%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D3FFB7 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 D3FFB7 by changing the saturation by 10% instead.



 D3FFB7

FFFFFF

 FFFFEF

 D3FFB7

 B7E29C

 9CC682

 81AB68

 67904F

 4E7637

 355D20

 1C4508

 042F00

 001C00

 D3FFB7

 D3FFB7

 C3FF9E

 E3FFD1

 B4FF84

 F2FFEA

 A4FF6A

FFFFFF

 95FF51

 85FF38

 75FF1E

 66FF05

 63FF00

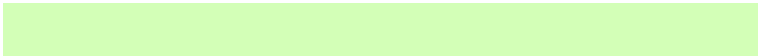
# Harmonies

## Analogous

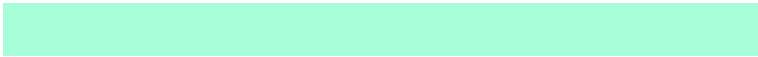
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FEF4A6



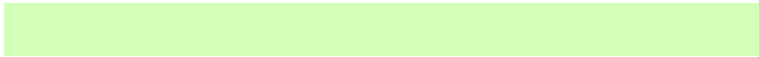
D3FFB7



A6FFD8

# Triad

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



D3FFB7



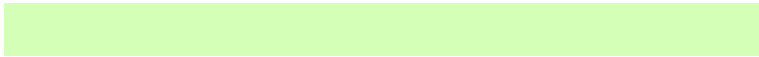
9CFDFF



FFD5E4

# Complementary

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



D3FFB7



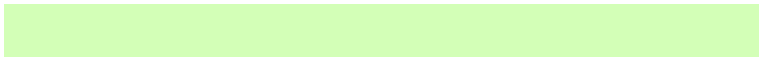
E3B7FF

# Split Complementary

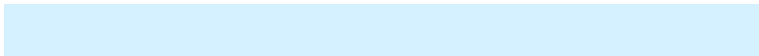
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFD8FF



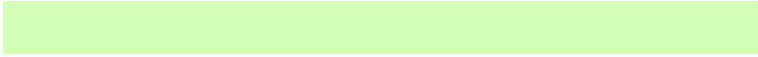
D3FFB7



D5F1FF

# Square

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



D3FFB7



76FFFF



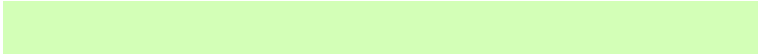
FFE3FF



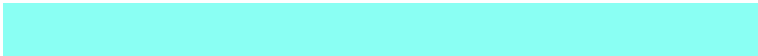
FFDBC0

# Rectangle

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



D3FFB7



8AFFF3



FFE3FF

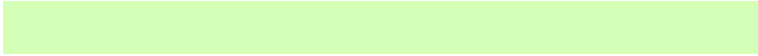


FFD5F1



# Sweetspot

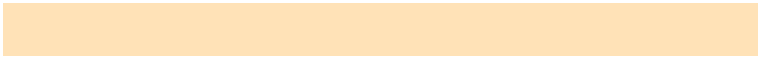
The Sweet Spot groups the original color and five complimentary colors.



D3FFB7



F3FFEB



FFE2B7



788073



000000

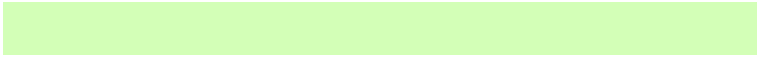


808080

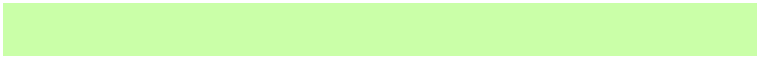


# Same Dimension

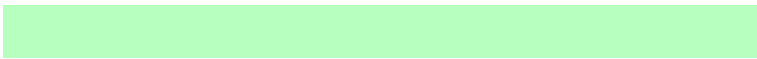
The Same Dimension uses a secret algorithm to generate beautiful new colors.



D3FFB7



CAFFA8



B7FFBE



788073



4ABF00



194000



# Inverse Universe

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



E3B7FF



DDA8FF



FFB7F8



7B7380



7500BF

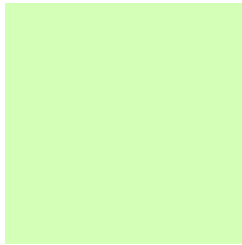


270040



# Previews

## White Background



This preview shows how the Hex color D3FFB7 looks on a white background.

## Color Contrast Check

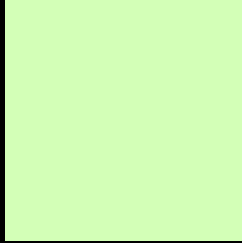
Large Text (above 18pt) WCAG AA × Fail

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 D3FFB7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

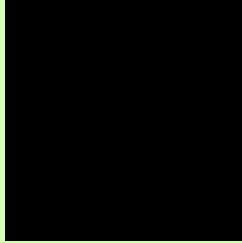
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

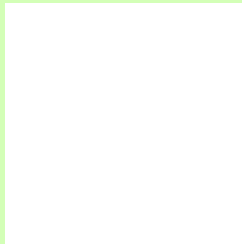
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D3FFB7 Background



This preview shows how black text looks on a background with the Hex color D3FFB7.

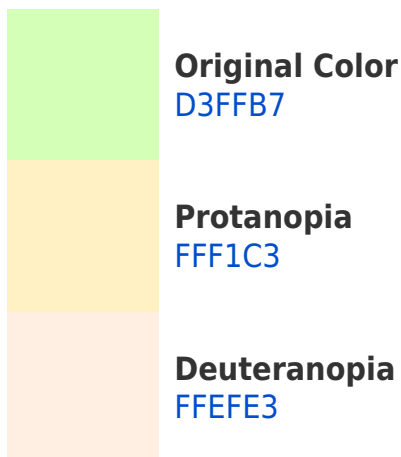


This preview shows how white text looks on a background with the Hex color D3FFB7.

# 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



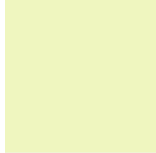


**Tritanopia**  
E7F3FF

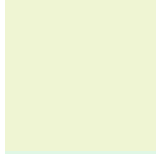
# Trichromacy



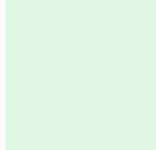
**Original Color**  
D3FFB7



**Protanomaly**  
EFF6BF



**Deuteranomaly**  
EFF5D3

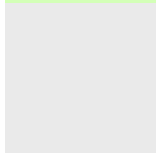


**Tritanomaly**  
E0F7E5

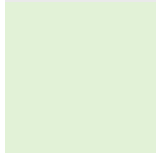
# Monochromacy



**Original Color**  
D3FFB7



**Achromatopsia**  
EAEAEA



**Achromatomaly**  
E2F2D7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D3FFB7 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 #D3FFB7 looks like.

```
.text, #text, p{  
    color:#D3FFB7  
}
```

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 #D3FFB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3FFB7
}
```

## Border

The CSS property to change the border of an element to Hex D3FFB7 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
#D3FFB7 }
```

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

```
.border{ border-color:#D3FFB7 }
```

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

Here you see how a box with a 4 pixel #D3FFB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3FFB7; -webkit-box-shadow:4px 4px  
4px 4px #D3FFB7; box-shadow:4px 4px 4px  
4px #D3FFB7 }
```

# Background

The CSS property to change the background color of an element to Hex D3FFB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3FFB7 }
```

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

```
.background{ background-color:#D3FFB7 }
```

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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