

Converting Colors

Hex(D0FFAE)

Have a look what the booklet for
Hex(D0FFAE) contains.

Hex(D0FFAE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D0FFAE)

Conversions

Conversions Part 1

Format	Color
Hex	D0FFAE
RGB	208, 255, 174
RGB Percent	82%, 100%, 68%
CMY	0.1843, 0.0000, 0.3176
CMYK	0.18, 0.00, 0.32, 0.00
HSL	95°, 100%, 84%
HSV	95°, 32%, 100%
XYZ	69.4124, 87.9859, 53.3690
YIQ	231.7130, -2.0110, -35.1550

Conversions

Conversions Part 2

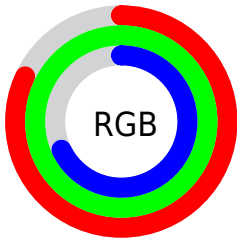
Format	Color
RYB	174, 255, 221
Decimal	13696942
CIELab	95.15, -28.85, 33.96
CIELCh	95, 44.557, 130.352
Yxy	87.9859, 0.3293, 0.4175
Android (android.graphics.Color)	4291887022 (0xFFD0FFAE)
YUV	231.7130, -28.4525, -20.7963
Hunter-Lab	93.8008, -32.0617, 31.9269

Details

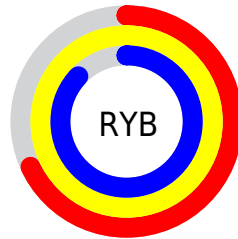
The Hex color **D0FFAE** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **DDAEFF**, and the grayscale version is **E8E8E8**.

A 20% lighter version of the original color is **FFFFE6**, and **98C679** is the 20% darker color. If you saturate the color by 10%, you get **C1FF94**, and if you desaturate by 10%, it is **DFFFC8**.

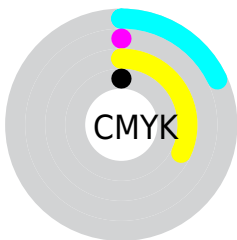
Distribution



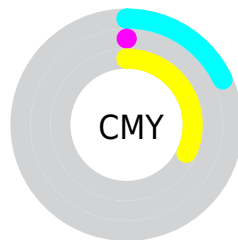
- Red (82%)
- Green (100%)
- Blue (68%)



- Red (68%)
- Yellow (100%)
- Blue (87%)



- Cyan (18%)
- Magenta (0%)
- Yellow (32%)
- Black (0%)



- Cyan (18%)
- Magenta (0%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color D0FFAE 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 D0FFAE by changing the saturation by 10% instead.

 D0FFAE

FFFFFF

 FFFFEE

 D0FFAE

 B4E293


 98C679

 7EAB5F

 649047

 4A762F

 315D17

 174500

 002E00

 001B00

 D0FFAE

 D0FFAE

 C1FF94

 DFFFC8

 B2FF7B

 EEFFE1

 A4FF62

 FCFFFB

 95FF48

 FFFFFFFF

 86FF2F

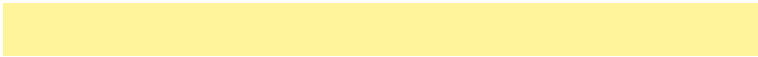
 77FF15

 6BFF00

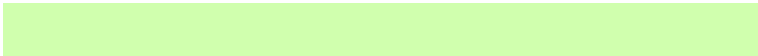
Harmonies

Analogous

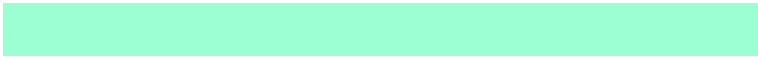
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFF39B



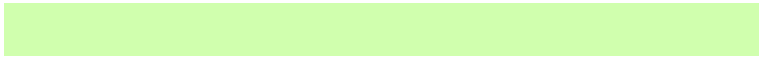
D0FFAE



9CFFD3

Triad

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



D0FFAE



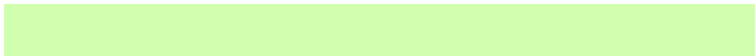
88FDFD



FFD0E4

Complementary

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



D0FFAE



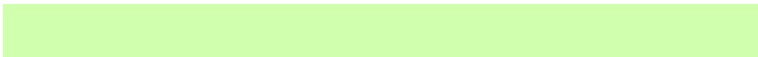
DDAEFF

Split Complementary

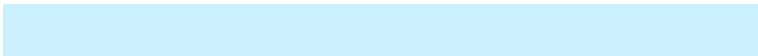
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFD4FF



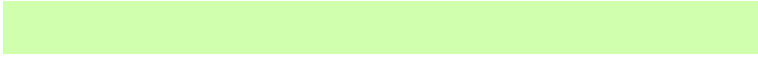
D0FFAE



CDF0FF

Square

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



D0FFAE



56FFFF



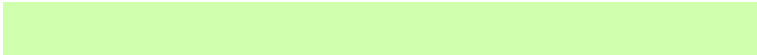
FFE1FF



FFD7BB

Rectangle

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



D0FFAE



79FFF0



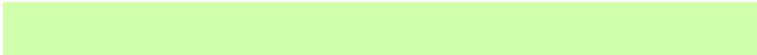
FFE1FF



FFD0F2

Sweetspot

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



D0FFAE



F0FFE6



FFDCAE



778070



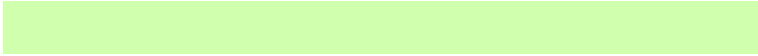
000000



808080

Same Dimension

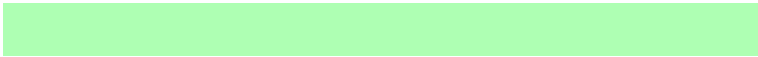
The Same Dimension uses a secret algorithm to generate beautiful new colors.



D0FFAE



C7FF9E



AEFFB3



788073



50BF00



1B4000

Inverse Universe

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



DDAEFF



D69EFF



FFAEFA



7A7380



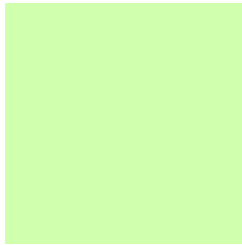
6F00BF



250040

Previews

White Background



This preview shows how the Hex color D0FFAE looks on a white background.

Color Contrast Check

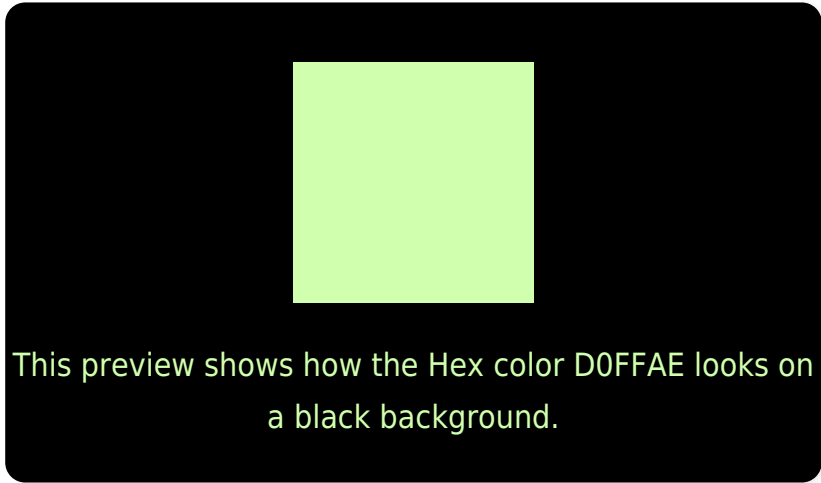
Large Text (above 18pt) WCAG AA × Fail

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

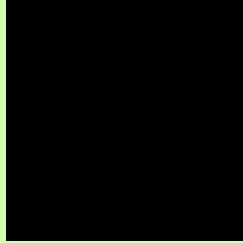
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

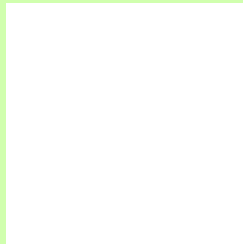
Any Text WCAG AAA ✓ Pass

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

Hex D0FFAE Background



This preview shows how black text looks on a background with the Hex color D0FFAE.

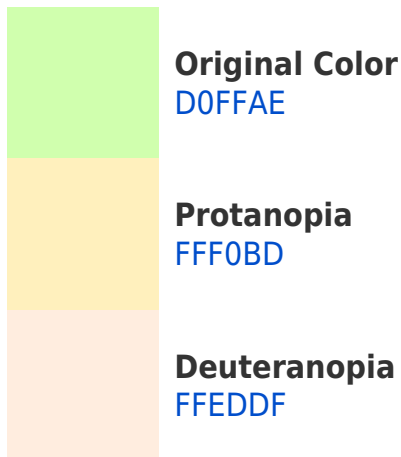


This preview shows how white text looks on a background with the Hex color D0FFAE.

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



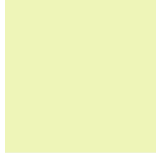


Tritanopia
E5F3FF

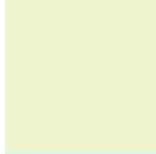
Trichromacy



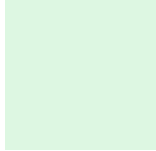
Original Color
D0FFAE



Protanomaly
EEF5B8

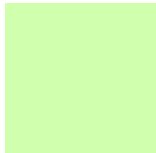


Deuteranomaly
EEF4CD

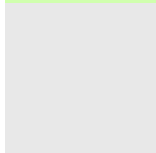


Tritanomaly
DDF7E2

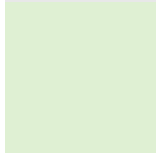
Monochromacy



Original Color
D0FFAE



Achromatopsia
E8E8E8



Achromatomaly
DFF0D3

CSS Examples

Text

The CSS property to change the color of the text to Hex D0FFAE 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 #D0FFAE looks like.

```
.text, #text, p{  
  color:#D0FFAE  
}
```

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 #D0FFAE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0FFAE }  
}
```

Border

The CSS property to change the border of an element to Hex D0FFAE 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 #D0FFAE }  
}
```

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

```
.border{ border-color:#D0FFAE }
```

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

Here you see how a box with a 4 pixel #D0FFAE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0FFAE; -webkit-box-shadow:4px 4px  
4px 4px #D0FFAE; box-shadow:4px 4px 4px  
4px #D0FFAE }
```

Background

The CSS property to change the background color of an element to Hex D0FFAE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0FFAE }
```

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

```
.background{ background-color:#D0FFAE }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor