

Converting Colors

Hex(D0FF8F)

Have a look what the booklet for
Hex(D0FF8F) contains.

Hex(D0FF8F)	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(D0FF8F)

Conversions

Conversions Part 1

Format	Color
Hex	D0FF8F
RGB	208, 255, 143
RGB Percent	82%, 100%, 56%
CMY	0.1843, 0.0000, 0.4392
CMYK	0.18, 0.00, 0.44, 0.00
HSL	85°, 100%, 78%
HSV	85°, 44%, 100%
XYZ	66.7303, 86.9131, 39.2454
YIQ	228.1790, 7.9400, -44.7960

Conversions

Conversions Part 2

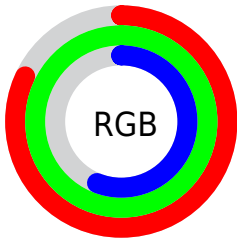
Format	Color
RYB	143, 255, 190
Decimal	13696911
CIELab	94.70, -32.77, 48.53
CIELCh	95, 58.559, 124.029
Yxy	86.9131, 0.3460, 0.4506
Android (android.graphics.Color)	4291886991 (0xFFD0FF8F)
YUV	228.1790, -41.9932, -17.6970
Hunter-Lab	93.2272, -35.3804, 40.3000

Details

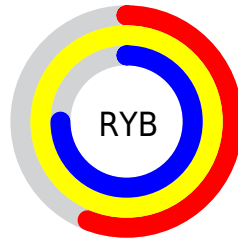
The Hex color **D0FF8F** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **BE8FFF**, and the grayscale version is **E5E5E5**.

A 20% lighter version of the original color is **FFFFC6**, and **98C65A** is the 20% darker color. If you saturate the color by 10%, you get **C5FF76**, and if you desaturate by 10%, it is **DBFFA9**.

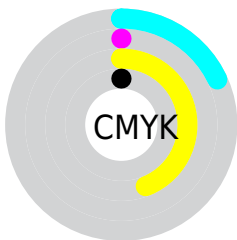
Distribution



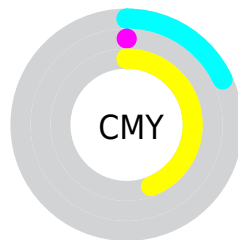
- Red (82%)
- Green (100%)
- Blue (56%)



- Red (56%)
- Yellow (100%)
- Blue (75%)



- Cyan (18%)
- Magenta (0%)
- Yellow (44%)
- Black (0%)



- Cyan (18%)
- Magenta (0%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color D0FF8F 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 D0FF8F by changing the saturation by 10% instead.

 D0FF8F

FFFFFF

 FFFFC6

 FFFF E3

 D0FF8F

 B4E27A

 98C65A

 7CAB40

 629026

 477604

 2C5D00

 104500

 002E00

 001900

 D0FF8F

 D0FF8F

 C5FF76

 DBFFA9

 BBFF5C

 E5FFC2

 B0FF42

 F0FFDC

 A5FF29

 FBFFF5

 9AFF10

FFFFFF

 94FF00

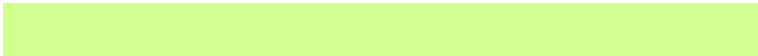
Harmonies

Analogous

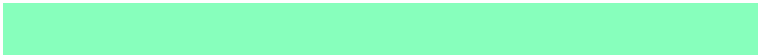
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE77C



D0FF8F



87FFBC

Triad

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



D0FF8F



00FFFF



FFC1EA

Complementary

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



D0FF8F



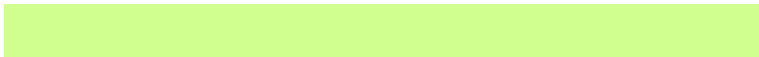
BE8FFF

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.



FFCAFF



D0FF8F



A2F3FF

Square

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



D0FF8F



00FFFF



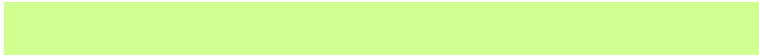
FFDEFF



FFC9B3

Rectangle

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



D0FF8F



3DFFE2



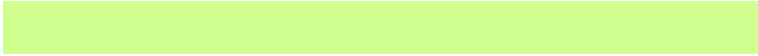
FFDEFF



FFC3FE

Sweetspot

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



D0FF8F



F1FFDE



FFBE8F



77806B



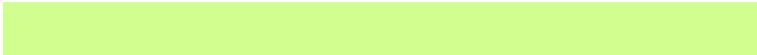
000000



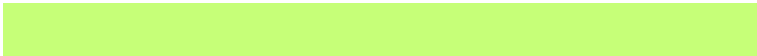
808080

Same Dimension

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



D0FF8F



C6FF78



98FF8F



7A8073



6FBF00



254000

Inverse Universe

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



BE8FFF



B178FF



F68FFF



787380



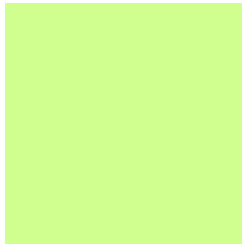
5000BF



1B0040

Previews

White Background



This preview shows how the Hex color D0FF8F looks on a white background.

Color Contrast Check

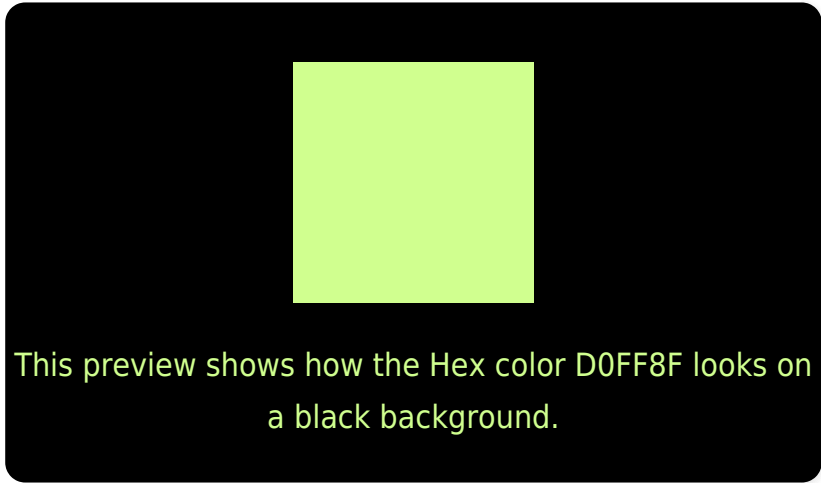
Large Text (above 18pt) WCAG AA × Fail

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

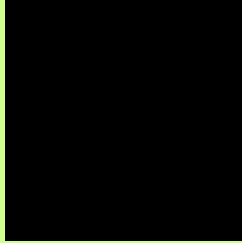
Any Text WCAG AA ✓ Pass

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 D0FF8F Background



This preview shows how black text looks on a background with the Hex color D0FF8F.

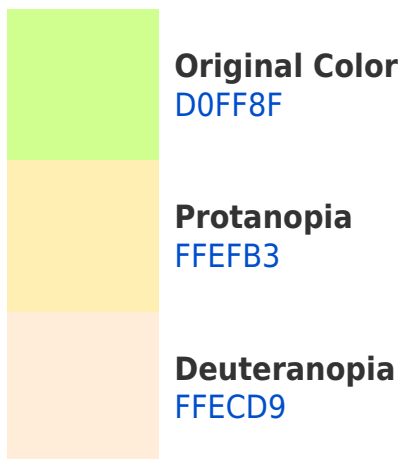


This preview shows how white text looks on a background with the Hex color D0FF8F.

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
E4F1FF

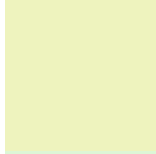
Trichromacy



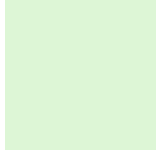
Original Color
D0FF8F



Protanomaly
EEF5A6

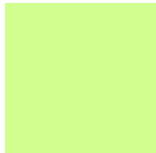


Deuteranomaly
EEF3BE

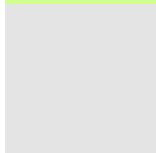


Tritanomaly
DDF6D6

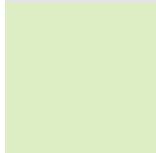
Monochromacy



Original Color
D0FF8F



Achromatopsia
E4E4E4



Achromatomaly
DDEEC5

CSS Examples

Text

The CSS property to change the color of the text to Hex D0FF8F 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 #D0FF8F looks like.

```
.text, #text, p{  
    color:#D0FF8F  
}
```

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 #D0FF8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0FF8F
}
```

Border

The CSS property to change the border of an element to Hex D0FF8F 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
#D0FF8F }
```

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

```
.border{ border-color:#D0FF8F }
```

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

Here you see how a box with a 4 pixel #D0FF8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0FF8F; -webkit-box-shadow:4px 4px  
4px 4px #D0FF8F; box-shadow:4px 4px 4px  
4px #D0FF8F }
```

Background

The CSS property to change the background color of an element to Hex D0FF8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0FF8F }
```

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

```
.background{ background-color:#D0FF8F }
```

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