

Converting Colors

Hex(D7FF8B)

Have a look what the booklet for
Hex(D7FF8B) contains.

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Color

Hex(D7FF8B)

Conversions

Conversions Part 1

Format	Color
Hex	D7FF8B
RGB	215, 255, 139
RGB Percent	84%, 100%, 55%
CMY	0.1569, 0.0000, 0.4549
CMYK	0.16, 0.00, 0.45, 0.00
HSL	81°, 100%, 77%
HSV	81°, 45%, 100%
XYZ	68.4445, 87.8312, 37.7718
YIQ	229.8160, 13.3960, -44.5560

Conversions

Conversions Part 2

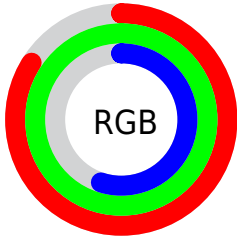
Format	Color
RYB	139, 255, 179
Decimal	14155659
CIELab	95.09, -30.67, 51.01
CIElCh	95, 59.517, 121.020
Yxy	87.8312, 0.3527, 0.4526
Android (android.graphics.Color)	4292345739 (0xFFD7FF8B)
YUV	229.8160, -44.7723, -12.9936
Hunter-Lab	93.7183, -33.6445, 41.7068

Details

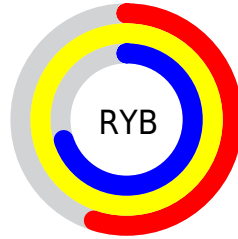
The Hex color **D7FF8B** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **B38BFF**, and the grayscale version is **E6E6E6**.

A 20% lighter version of the original color is **FFFFC2**, and **9EC656** is the 20% darker color. If you saturate the color by 10%, you get **CEFF72**, and if you desaturate by 10%, it is **E0FFA4**.

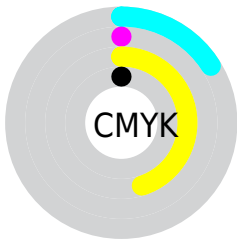
Distribution



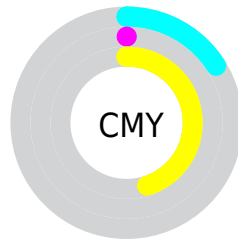
- Red (84%)
- Green (100%)
- Blue (55%)



- Red (55%)
- Yellow (100%)
- Blue (70%)



- Cyan (16%)
- Magenta (0%)
- Yellow (45%)
- Black (0%)



- Cyan (16%)
- Magenta (0%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color D7FF8B 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 D7FF8B by changing the saturation by 10% instead.

 D7FF8B

FFFFFF

 FFFFC2

 FFFFDF

 FFFFFC

 D7FF8B

 BAE270

 9EC656

 83AB3C

 689020

 4D7600

 335D00

 184500

 002F00

 001A00

 D7FF8B

 D7FF8B

 CEFF72

 E0FFA4

 C5FF58

 E9FFBE

 BDFF3E

 F1FFD8

 B4FF25

 FAFFF1

 ABFF0B

FFFFFF

 A7FF00

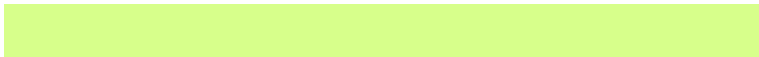
Harmonies

Analogous

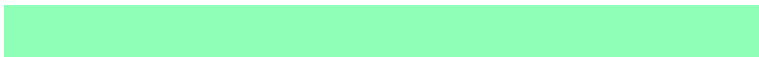
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFEE7B



D7FF8B



8FFF87

Triad

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



D7FF8B



00FFFF



FFC2F1

Complementary

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



D7FF8B



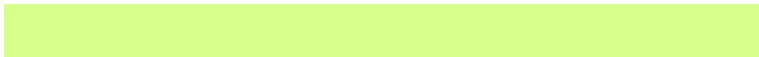
B38BFF

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.



FFCCFF



D7FF8B



95F6FF

Square

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



D7FF8B



00FFFF



F8E1FF



FFC8B9

Rectangle

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



D7FF8B



48FFDD



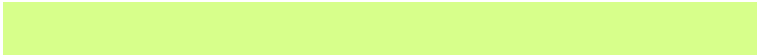
F8E1FF



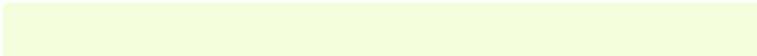
FFC3FF

Sweetspot

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



D7FF8B



F3FFDB



FFB28B



78806A



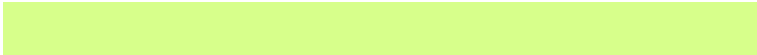
000000



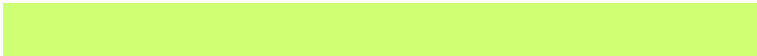
808080

Same Dimension

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



D7FF8B



CFFF73



9EFF8B



7B8073



7DBF00



2A4000

Inverse Universe

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



B38BFF



A373FF



EC8BFF



777380



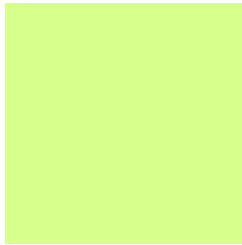
4200BF



160040

Previews

White Background



This preview shows how the Hex color D7FF8B looks on a white background.

Color Contrast Check

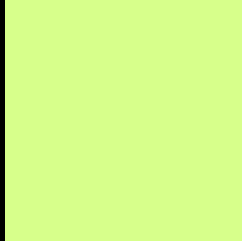
Large Text (above 18pt) WCAG AA × Fail

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 D7FF8B 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 D7FF8B Background



This preview shows how black text looks on a background with the Hex color D7FF8B.

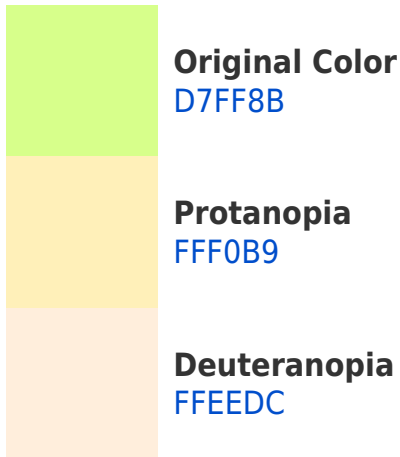


This preview shows how white text looks on a background with the Hex color D7FF8B.

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](#).

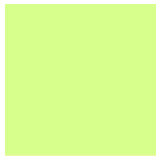
Dichromacy



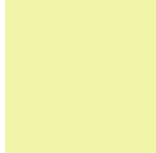


Tritanopia
EAF1FF

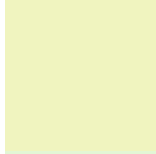
Trichromacy



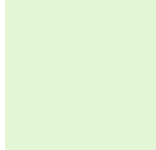
Original Color
D7FF8B



Protanomaly
F0F5A8

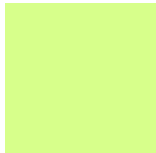


Deuteranomaly
F0F4BF

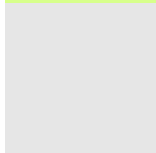


Tritanomaly
E3F6D5

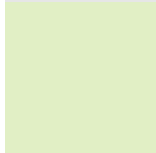
Monochromacy



Original Color
D7FF8B



Achromatopsia
E6E6E6



Achromatomaly
E1EFC5

CSS Examples

Text

The CSS property to change the color of the text to Hex D7FF8B 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 #D7FF8B looks like.

```
.text, #text, p{  
    color:#D7FF8B  
}
```

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 #D7FF8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7FF8B
}
```

Border

The CSS property to change the border of an element to Hex D7FF8B 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
#D7FF8B }
```

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

```
.border{ border-color:#D7FF8B }
```

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

Here you see how a box with a 4 pixel #D7FF8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7FF8B; -webkit-box-shadow:4px 4px  
4px 4px #D7FF8B; box-shadow:4px 4px 4px  
4px #D7FF8B }
```

Background

The CSS property to change the background color of an element to Hex D7FF8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7FF8B }
```

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

```
.background{ background-color:#D7FF8B }
```

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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