

Converting Colors

Hex(D7FE8E)

Have a look what the booklet for
Hex(D7FE8E) contains.

Hex(D7FE8E)	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(D7FE8E)

Conversions

Conversions Part 1

Format	Color
Hex	D7FE8E
RGB	215, 254, 142
RGB Percent	84%, 100%, 56%
CMY	0.1569, 0.0039, 0.4431
CMYK	0.15, 0.00, 0.44, 0.00
HSL	81°, 98%, 78%
HSV	81°, 44%, 100%
XYZ	68.3486, 87.2837, 38.8363
YIQ	229.5710, 12.7080, -43.1000

Conversions

Conversions Part 2

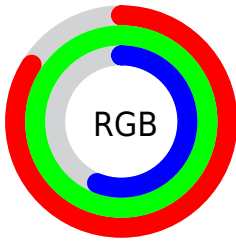
Format	Color
RYB	142, 254, 181
Decimal	14155406
CIELab	94.86, -29.88, 49.30
CIELCh	95, 57.649, 121.224
Yxy	87.2837, 0.3515, 0.4488
Android (android.graphics.Color)	4292345486 (0xFFD7FE8E)
YUV	229.5710, -43.1725, -12.7788
Hunter-Lab	93.4257, -32.9076, 40.7517

Details

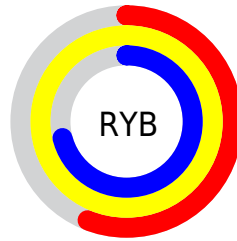
The Hex color **D7FE8E** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **B58EFE**, and the grayscale version is **E6E6E6**.

A 20% lighter version of the original color is **FFFFC5**, and **9EC559** is the 20% darker color. If you saturate the color by 10%, you get **CEFE75**, and if you desaturate by 10%, it is **E0FEA7**.

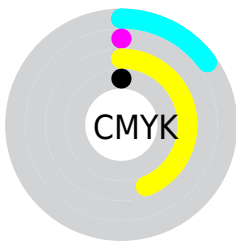
Distribution



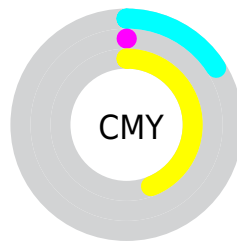
- Red (84%)
- Green (100%)
- Blue (56%)



- Red (56%)
- Yellow (100%)
- Blue (71%)



- Cyan (15%)
- Magenta (0%)
- Yellow (44%)
- Black (0%)



- Cyan (16%)
- Magenta (0%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color D7FE8E 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 D7FE8E by changing the saturation by 10% instead.

 D7FE8E

FFFFFF

 FFFFC5

 FFFFE2

 D7FE8E

 BAE173

 9EC559

 83AA3F

 688F24

 4E7502

 345D00

 194500

 002E00

 001A00

 D7FE8E

 D7FE8E

 CEFE75

 E0FEA7

 C5FE5B

 E9FEC1

 BCFE42

 F2FEDA

 B4FE28

 FAFEF4

 ABFE0F

FFFEFF

 A6FE00

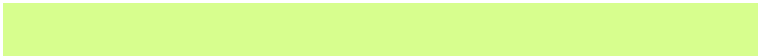
Harmonies

Analogous

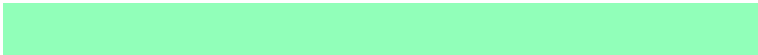
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFEE7E



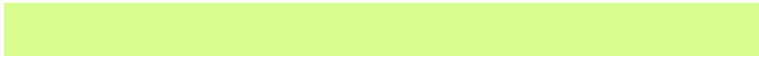
D7FE8E



91FFB9

Triad

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



D7FE8E



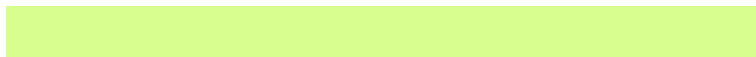
00FFFF



FFC3F0

Complementary

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



D7FE8E



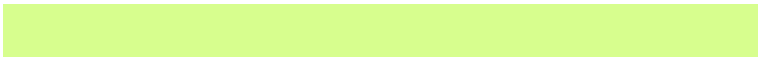
B58EFE

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.



FFCDFF



D7FE8E



9AF5FF

Square

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



D7FE8E



00FFFF



F8E1FF



FFC9B9

Rectangle

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



D7FE8E



52FFDD



F8E1FF



FFC5FF

Sweetspot

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



D7FE8E



F3FFDE



FEB38E



78806B



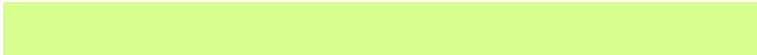
000000



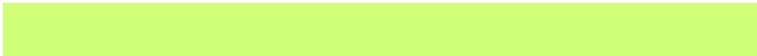
808080

Same Dimension

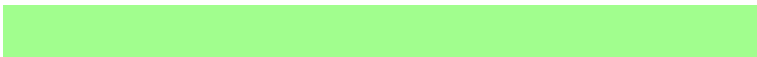
The Same Dimension uses a secret algorithm to generate beautiful new colors.



D7FE8E



D0FF78



A1FE8E



7B8073



7DBF00



2A4000

Inverse Universe

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



B58EFE



A778FF



EB8EFE



777380



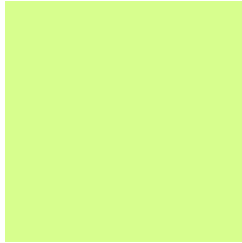
4300BF



160040

Previews

White Background



This preview shows how the Hex color D7FE8E 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 D7FE8E 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 D7FE8E Background



This preview shows how black text looks on a background with the Hex color D7FE8E.

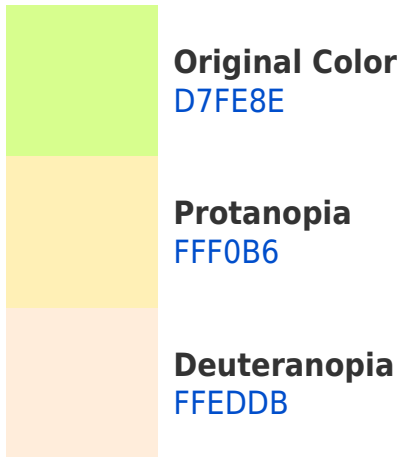


This preview shows how white text looks on a background with the Hex color D7FE8E.

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



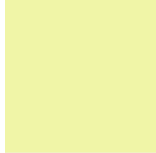


Tritanopia
E9F0FF

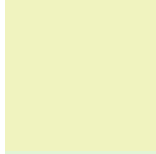
Trichromacy



Original Color
D7FE8E



Protanomaly
F0F5A7



Deuteranomaly
F0F3BF

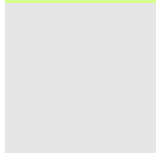


Tritanomaly
E2F5D6

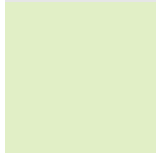
Monochromacy



Original Color
D7FE8E



Achromatopsia
E6E6E6



Achromatomaly
E1EFC6

CSS Examples

Text

The CSS property to change the color of the text to Hex D7FE8E 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 #D7FE8E looks like.

```
.text, #text, p{  
    color:#D7FE8E  
}
```

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 #D7FE8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7FE8E
}
```

Border

The CSS property to change the border of an element to Hex D7FE8E 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
#D7FE8E }
```

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

```
.border{ border-color:#D7FE8E }
```

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

Here you see how a box with a 4 pixel #D7FE8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7FE8E; -webkit-box-shadow:4px 4px  
4px 4px #D7FE8E; box-shadow:4px 4px 4px  
4px #D7FE8E }
```

Background

The CSS property to change the background color of an element to Hex D7FE8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7FE8E }
```

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

```
.background{ background-color:#D7FE8E }
```

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