

Converting Colors

Hex(D7FCAA)

Have a look what the booklet for
Hex(D7FCAA) contains.

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Color

Hex(D7FCAA)

Conversions

Conversions Part 1

Format	Color
Hex	D7FCAA
RGB	215, 252, 170
RGB Percent	84%, 99%, 67%
CMY	0.1569, 0.0118, 0.3333
CMYK	0.15, 0.00, 0.33, 0.01
HSL	87°, 93%, 83%
HSV	87°, 33%, 99%
XYZ	70.0904, 86.9702, 51.1230
YIQ	231.5890, 4.2700, -33.3460

Conversions

Conversions Part 2

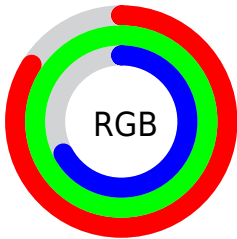
Format	Color
RYB	170, 252, 207
Decimal	14154922
CIELab	94.73, -25.54, 35.46
CIElCh	95, 43.698, 125.761
Yxy	86.9702, 0.3367, 0.4178
Android (android.graphics.Color)	4292345002 (0xFFD7FCAA)
YUV	231.5890, -30.3634, -14.5486
Hunter-Lab	93.2578, -29.0446, 32.7783

Details

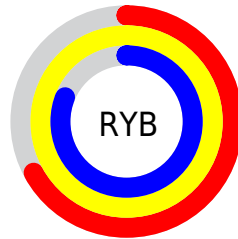
The Hex color **D7FCAA** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **CFAAFC**, and the grayscale version is **E8E8E8**.

A 20% lighter version of the original color is **FFFFE2**, and **9FC375** is the 20% darker color. If you saturate the color by 10%, you get **CCFC91**, and if you desaturate by 10%, it is **E2FCC3**.

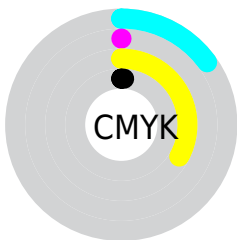
Distribution



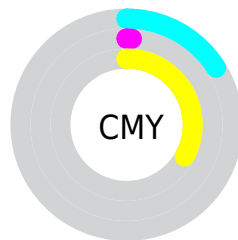
- Red (84%)
- Green (99%)
- Blue (67%)



- Red (67%)
- Yellow (99%)
- Blue (81%)



- Cyan (15%)
- Magenta (0%)
- Yellow (33%)
- Black (1%)



- Cyan (16%)
- Magenta (1%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color D7FCAA 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 D7FCAA by changing the saturation by 10% instead.

 D7FCAA

FFFFFF

 FFFFE2


 D7FCAA

 BBDF8F

 9FC375

 84A85C

 6A8D43

 51742B

 385B12

 204300

 052D00

 001900

 D7FCAA

 D7FCAA

 CCFC91

 E2FCC3

 C0FC78

 EEFCDC

 B5FC5E

 F9FCF6

 AAFC45

 FFFCFF

 9EFC2C

 93FC13

 8AFC00

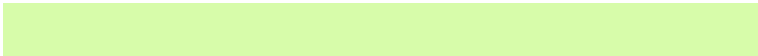
Harmonies

Analogous

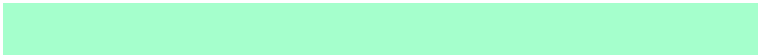
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFF09B



D7FCAA



A5FFCC

Triad

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



D7FCAA



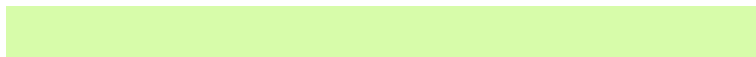
80FEFF



FFD0E9

Complementary

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



D7FCAA



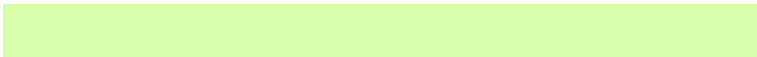
CFAAFC

Split Complementary

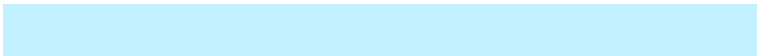
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFD5FF



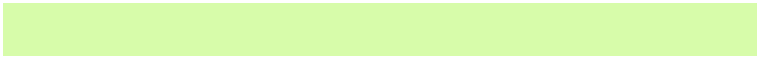
D7FCAA



C3F1FF

Square

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



D7FCAA



59FFFF



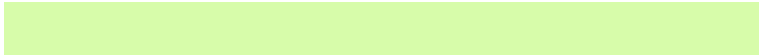
FFE2FF



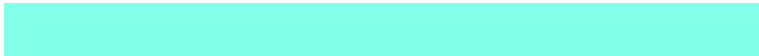
FFD5C1

Rectangle

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



D7FCAA



82FFE8



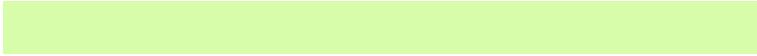
FFE2FF



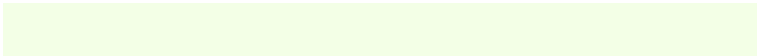
FFD0F8

Sweetspot

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



D7FCAA



F3FFE6



FCCFAA



798070



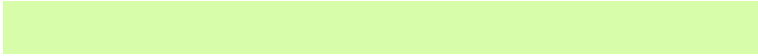
000000



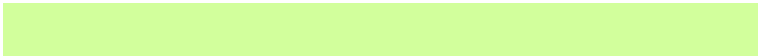
808080

Same Dimension

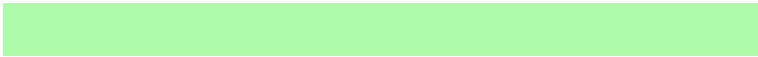
The Same Dimension uses a secret algorithm to generate beautiful new colors.



D7FCAA



D2FF9C



AEFCAA



777D70



68BD00



223D00

Inverse Universe

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



CFAAFC



C89CFF



F8AAFC



76707D



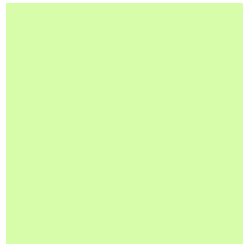
5500BD



1C003D

Previews

White Background



This preview shows how the Hex color D7FCAA looks on a white background.

Color Contrast Check

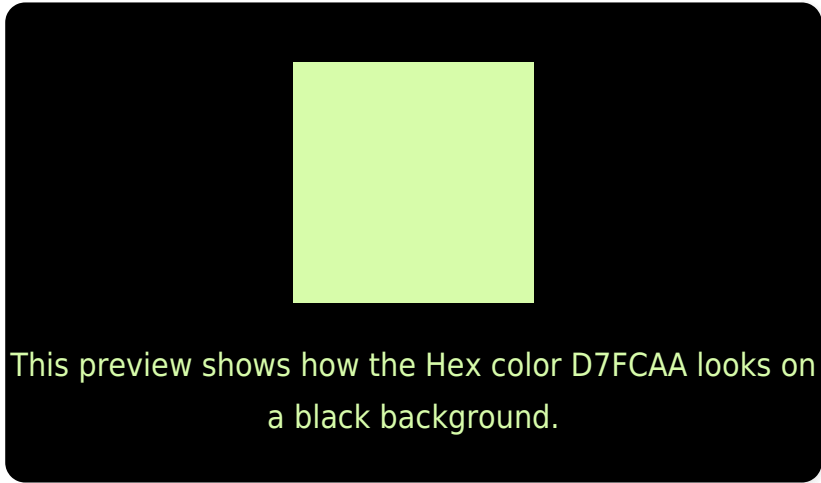
Large Text (above 18pt) WCAG AA × Fail

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

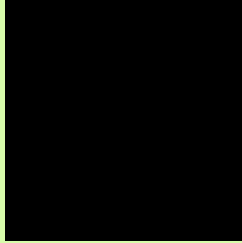
Any Text WCAG AA ✓ Pass

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 D7FCAA Background



This preview shows how black text looks on a background with the Hex color D7FCAA.

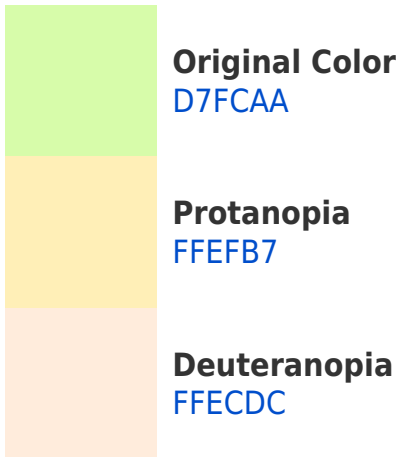


This preview shows how white text looks on a background with the Hex color D7FCAA.

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



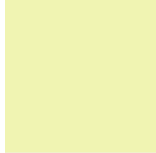


Tritanopia
E7F0FF

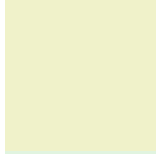
Trichromacy



Original Color
D7FCAA



Protanomaly
F0F4B2

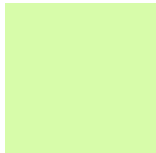


Deuteranomaly
F0F2CA

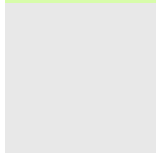


Tritanomaly
E1F4E0

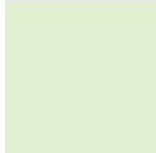
Monochromacy



Original Color
D7FCAA



Achromatopsia
E8E8E8



Achromatomaly
E2EFD1

CSS Examples

Text

The CSS property to change the color of the text to Hex D7FCAA 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 #D7FCAA looks like.

```
.text, #text, p{  
    color:#D7FCAA  
}
```

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 #D7FCAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7FCAA
}
```

Border

The CSS property to change the border of an element to Hex D7FCAA 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
#D7FCAA }
```

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

```
.border{ border-color:#D7FCAA }
```

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

Here you see how a box with a 4 pixel #D7FCAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7FCAA; -webkit-box-shadow:4px 4px  
4px 4px #D7FCAA; box-shadow:4px 4px 4px  
4px #D7FCAA }
```

Background

The CSS property to change the background color of an element to Hex D7FCAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7FCAA }
```

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

```
.background{ background-color:#D7FCAA }
```

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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