

Converting Colors

Hex(D6F8A4)

Have a look what the booklet for
Hex(D6F8A4) contains.

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Color

Hex(D6F8A4)

Conversions

Conversions Part 1

Format	Color
Hex	D6F8A4
RGB	214, 248, 164
RGB Percent	84%, 97%, 64%
CMY	0.1608, 0.0275, 0.3569
CMYK	0.14, 0.00, 0.34, 0.03
HSL	84°, 86%, 81%
HSV	84°, 34%, 97%
XYZ	67.9998, 84.1113, 47.7731
YIQ	228.2580, 6.7000, -33.3320

Conversions

Conversions Part 2

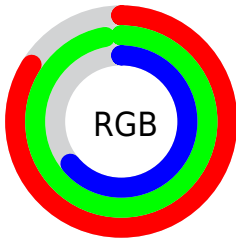
Format	Color
RYB	164, 248, 198
Decimal	14088356
CIELab	93.50, -24.79, 36.82
CIElCh	93, 44.383, 123.950
Yxy	84.1113, 0.3402, 0.4208
Android (android.graphics.Color)	4292278436 (0xFFD6F8A4)
YUV	228.2580, -31.6792, -12.5043
Hunter-Lab	91.7122, -28.1479, 33.3142

Details

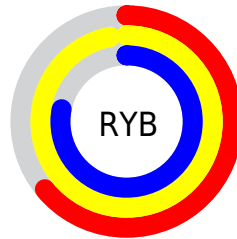
The Hex color **D6F8A4** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **C6A4F8**, and the grayscale version is **E5E5E5**.

A 20% lighter version of the original color is **FFFFDC**, and **9EC06F** is the 20% darker color. If you saturate the color by 10%, you get **CCF88B**, and if you desaturate by 10%, it is **E0F8BD**.

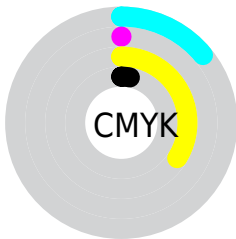
Distribution



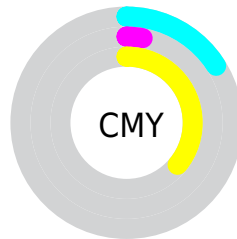
- Red (84%)
- Green (97%)
- Blue (64%)



- Red (64%)
- Yellow (97%)
- Blue (78%)



- Cyan (14%)
- Magenta (0%)
- Yellow (34%)
- Black (3%)



- Cyan (16%)
- Magenta (3%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color D6F8A4 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 D6F8A4 by changing the saturation by 10% instead.

 D6F8A4

 D6F8A4

FFFFFF

 BADB89

 FFFFDC

 9EC06F

 FFFFF8

 83A456

 698A3D

 507025

 37580B

 1F4000

 042A00

 001500

 D6F8A4

 D6F8A4

 CCF88B

 E0F8BD

 C2F872

 EAF8D6

 B8F85A

 F4F8EE

 AEF841

 FEF8FF

 A4F828

 FFF8FF

 9AF80F

 94F800

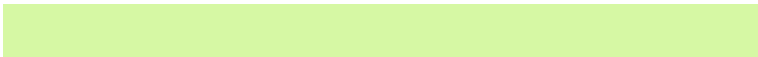
Harmonies

Analogous

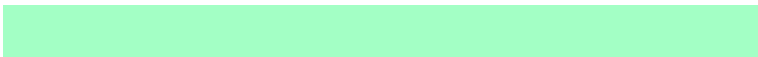
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFEC96



D6F8A4



A3FFC5

Triad

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



D6F8A4



75FBFF



FFCBE8

Complementary

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



D6F8A4



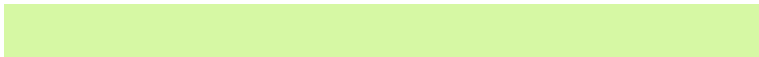
C6A4F8

Split Complementary

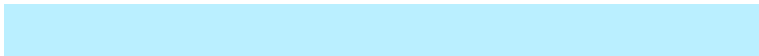
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFD1FF



D6F8A4



BAEFFF

Square

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



D6F8A4



4EFFFF



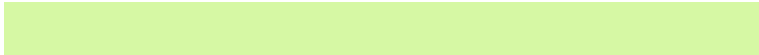
F9DFFF



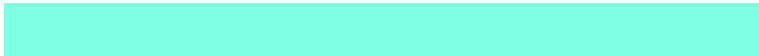
FFD0BF

Rectangle

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



D6F8A4



7FFFE2



F9DFFF



FFCCF7

Sweetspot

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



D6F8A4



F5FFE6



F8C6A4



798070



000000



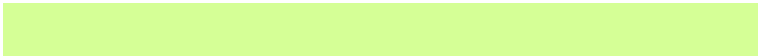
808080

Same Dimension

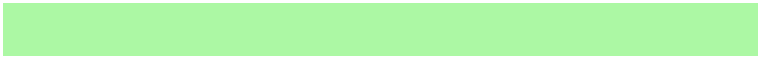
The Same Dimension uses a secret algorithm to generate beautiful new colors.



D6F8A4



D5FF96



ACF8A4



787D70



70BD00



243D00

Inverse Universe

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



C6A4F8



C196FF



F0A4F8



76707D



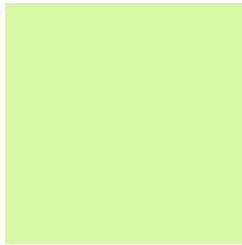
4C00BD



19003D

Previews

White Background



This preview shows how the Hex color D6F8A4 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 D6F8A4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

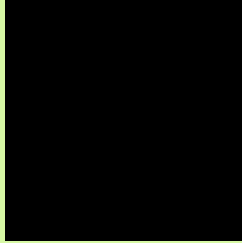
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

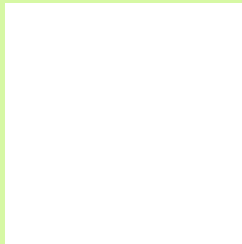
Any Text WCAG AAA ✓ Pass

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

Hex D6F8A4 Background



This preview shows how black text looks on a background with the Hex color D6F8A4.

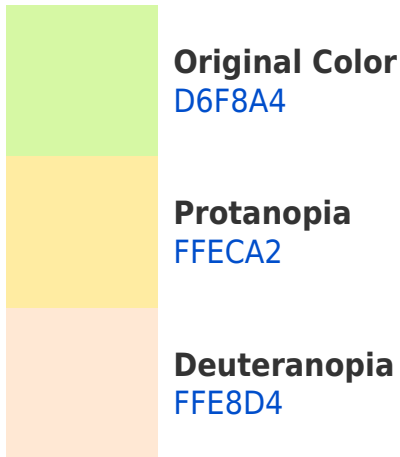


This preview shows how white text looks on a background with the Hex color D6F8A4.

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





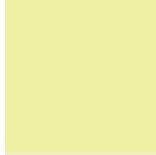
Tritanopia
E3EDFF

Trichromacy



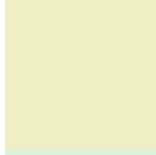
Original Color

D6F8A4



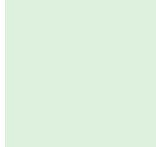
Protanomaly

F0F0A3



Deuteranomaly

F0EEC3



Tritanomaly

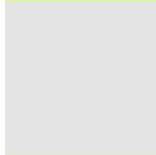
DEF1DE

Monochromacy



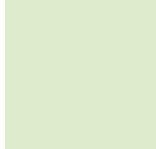
Original Color

D6F8A4



Achromatopsia

E4E4E4



Achromatomaly

DFEBCD

CSS Examples

Text

The CSS property to change the color of the text to Hex D6F8A4 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 #D6F8A4 looks like.

```
.text, #text, p{  
    color:#D6F8A4  
}
```

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 #D6F8A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6F8A4
}
```

Border

The CSS property to change the border of an element to Hex D6F8A4 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
#D6F8A4 }
```

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

```
.border{ border-color:#D6F8A4 }
```

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

Here you see how a box with a 4 pixel #D6F8A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6F8A4; -webkit-box-shadow:4px 4px  
4px 4px #D6F8A4; box-shadow:4px 4px 4px  
4px #D6F8A4 }
```

Background

The CSS property to change the background color of an element to Hex D6F8A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6F8A4 }
```

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

```
.background{ background-color:#D6F8A4 }
```

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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