

Converting Colors

Hex(D6FD8B)

Have a look what the booklet for
Hex(D6FD8B) contains.

Hex(D6FD8B)	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(D6FD8B)

Conversions

Conversions Part 1

Format	Color
Hex	D6FD8B
RGB	214, 253, 139
RGB Percent	84%, 99%, 55%
CMY	0.1608, 0.0078, 0.4549
CMYK	0.15, 0.00, 0.45, 0.01
HSL	81°, 97%, 77%
HSV	81°, 45%, 99%
XYZ	67.5170, 86.4108, 37.5465
YIQ	228.3430, 13.3500, -43.7220

Conversions

Conversions Part 2

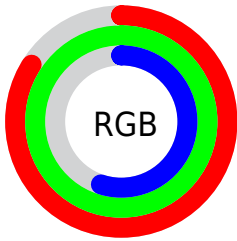
Format	Color
RYB	139, 253, 178
Decimal	14089611
CIELab	94.49, -30.11, 50.25
CIELCh	94, 58.578, 120.932
Yxy	86.4108, 0.3526, 0.4513
Android (android.graphics.Color)	4292279691 (0xFFD6FD8B)
YUV	228.3430, -44.0461, -12.5788
Hunter-Lab	92.9574, -33.0269, 41.1223

Details

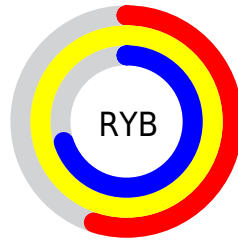
The Hex color **D6FD8B** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **B28BFD**, and the grayscale version is **E5E5E5**.

A 20% lighter version of the original color is **FFFFC2**, and **9DC456** is the 20% darker color. If you saturate the color by 10%, you get **CDFD72**, and if you desaturate by 10%, it is **DFFDA4**.

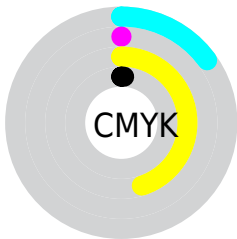
Distribution



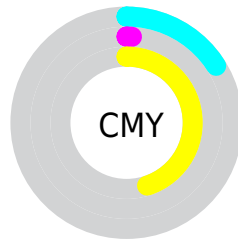
- Red (84%)
- Green (99%)
- Blue (55%)



- Red (55%)
- Yellow (99%)
- Blue (70%)



- Cyan (15%)
- Magenta (0%)
- Yellow (45%)
- Black (1%)



- Cyan (16%)
- Magenta (1%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color D6FD8B 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 D6FD8B by changing the saturation by 10% instead.

 D6FD8B

 D6FD8B

FFFFFF

 B9E070

 FFFFC2

 9DC456

 FFFFDF

 82A93C

 FFFFFC

 678E21

 4D7500

 335C00

 174400

 002D00

 001800

 D6FD8B

 D6FD8B

 CDFD72

 DFFDA4

 C5FD58

 E7FDBE

 BCFD3F

 F0FDD7

 B3FD26

 F9FDF0

 ABFD0D

FFFDFE

 A6FD00

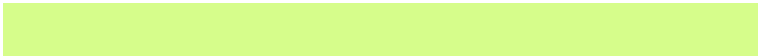
Harmonies

Analogous

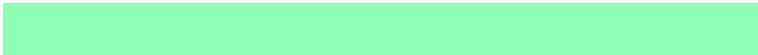
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFED7B



D6FD8B



8FFFB6

Triad

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



D6FD8B



00FFFF



FFC1F0

Complementary

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



D6FD8B



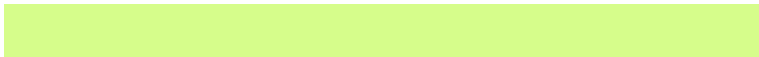
B28BFD

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.



FFCBFF



D6FD8B



95F4FF

Square

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



D6FD8B



00FFFF



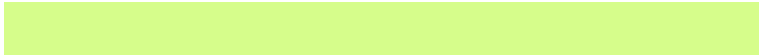
F6E0FF



FFC7B8

Rectangle

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



D6FD8B



4CFFDB



F6E0FF



FFC3FF

Sweetspot

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



D6FD8B



F3FFDB



FDB18B



78806A



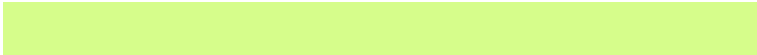
000000



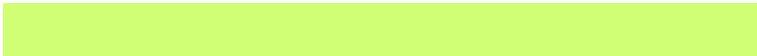
808080

Same Dimension

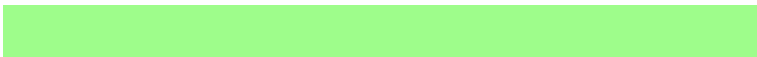
The Same Dimension uses a secret algorithm to generate beautiful new colors.



D6FD8B



D0FF75



9EFD8B



7B8073



7EBF00



2A4000

Inverse Universe

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



B28BFD



A475FF



EA8BFD



777380



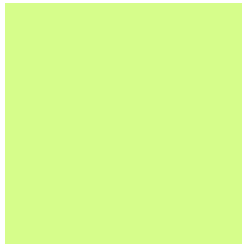
4100BF



160040

Previews

White Background



This preview shows how the Hex color D6FD8B looks on a white background.

Color Contrast Check

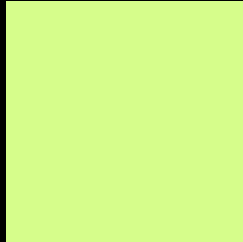
Large Text (above 18pt) WCAG AA × Fail

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 D6FD8B 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 D6FD8B Background



This preview shows how black text looks on a background with the Hex color D6FD8B.

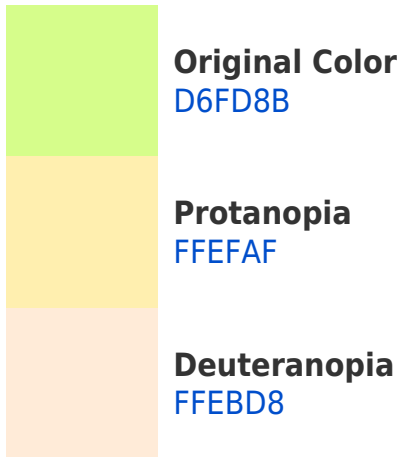


This preview shows how white text looks on a background with the Hex color D6FD8B.

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



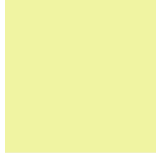


Tritanopia
E7EFFF

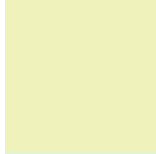
Trichromacy



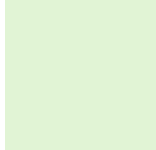
Original Color
D6FD8B



Protanomaly
F0F4A2

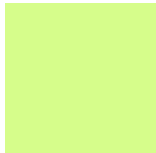


Deuteranomaly
F0F2BC

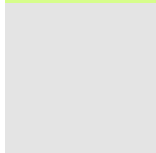


Tritanomaly
E1F4D5

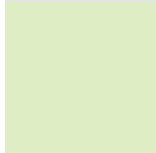
Monochromacy



Original Color
D6FD8B



Achromatopsia
E4E4E4



Achromatomaly
DFEDC4

CSS Examples

Text

The CSS property to change the color of the text to Hex D6FD8B 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 #D6FD8B looks like.

```
.text, #text, p{  
    color:#D6FD8B  
}
```

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 #D6FD8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6FD8B
}
```

Border

The CSS property to change the border of an element to Hex D6FD8B 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
#D6FD8B }
```

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

```
.border{ border-color:#D6FD8B }
```

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

Here you see how a box with a 4 pixel #D6FD8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6FD8B; -webkit-box-shadow:4px 4px  
4px 4px #D6FD8B; box-shadow:4px 4px 4px  
4px #D6FD8B }
```

Background

The CSS property to change the background color of an element to Hex D6FD8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6FD8B }
```

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

```
.background{ background-color:#D6FD8B }
```

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