

Converting Colors

Hex(D8FD86)

Have a look what the booklet for
Hex(D8FD86) contains.

Hex(D8FD86)	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(D8FD86)

Conversions

Conversions Part 1

Format	Color
Hex	D8FD86
RGB	216, 253, 134
RGB Percent	85%, 99%, 53%
CMY	0.1529, 0.0078, 0.4745
CMYK	0.15, 0.00, 0.47, 0.01
HSL	79°, 97%, 76%
HSV	79°, 47%, 99%
XYZ	67.7473, 86.5707, 35.6934
YIQ	228.3710, 16.1470, -44.8530

Conversions

Conversions Part 2

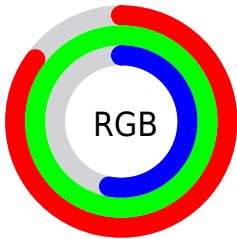
Format	Color
RYB	134, 253, 171
Decimal	14220678
CIELab	94.56, -29.90, 52.71
CIElCh	95, 60.599, 119.561
Yxy	86.5707, 0.3565, 0.4556
Android (android.graphics.Color)	4292410758 (0xFFD8FD86)
YUV	228.3710, -46.5249, -10.8494
Hunter-Lab	93.0434, -32.8555, 42.3855

Details

The Hex color **D8FD86** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **AB86FD**, and the grayscale version is **E5E5E5**.

A 20% lighter version of the original color is **FFFFBD**, and **9FC451** is the 20% darker color. If you saturate the color by 10%, you get **D0FD6D**, and if you desaturate by 10%, it is **E0FD9F**.

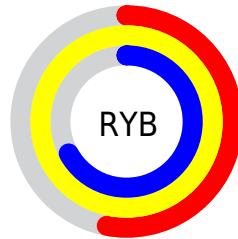
Distribution



Red (85%)

Green (99%)

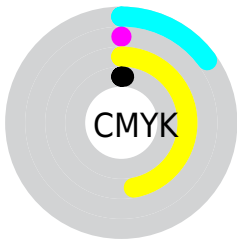
Blue (53%)



Red (53%)

Yellow (99%)

Blue (67%)

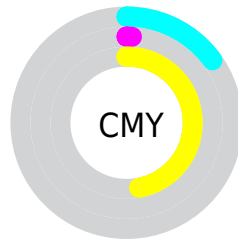


Cyan (15%)

Magenta (0%)

Yellow (47%)

Black (1%)



Cyan (15%)

Magenta (1%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color D8FD86 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 D8FD86 by changing the saturation by 10% instead.

 D8FD86

 D8FD86

FFFFFF

 BBE06B

 FFFFBD

 9FC451

 FFFFDA

 84A936

 FFFFF7

 698E19

 4E7500

 345C00

 184400

 002D00

 001900

 D8FD86

 D8FD86

 D0FD6D

 E0FD9F

 C8FD53

 E8FDB9

 C0FD3A

 F0FDD2

 B9FD21

 F7FDEB

 B1FD07

FFFDFE

 AEFD00

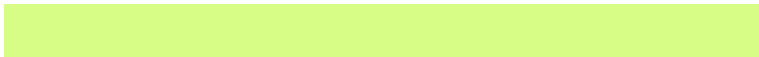
Harmonies

Analogous

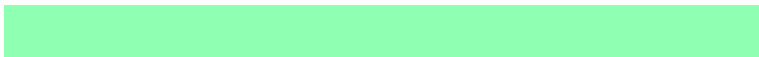
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFEC77



D8FD86



8FFFB2

Triad

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



D8FD86



00FFFF



FFBFF3

Complementary

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



D8FD86



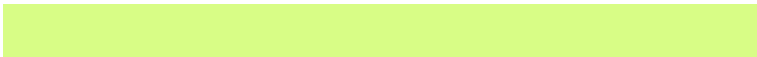
AB86FD

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



D8FD86



89F6FF

Square

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



D8FD86



00FFFF



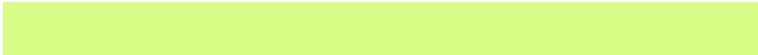
F2E0FF



FFC5B9

Rectangle

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



D8FD86



46FFD8



F2E0FF



FFC1FF

Sweetspot

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



D8FD86



F4FFDB



FDAA86



79806A



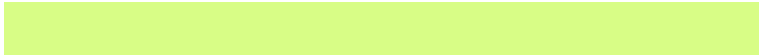
000000



808080

Same Dimension

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



D8FD86



D3FF70



9EFD86



7C8073



84BF00



2C4000

Inverse Universe

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



AB86FD



9D70FF



E586FD



777380



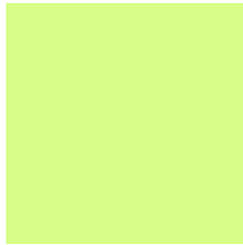
3B00BF



140040

Previews

White Background



This preview shows how the Hex color D8FD86 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 D8FD86 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 D8FD86 Background



This preview shows how black text looks on a background with the Hex color D8FD86.

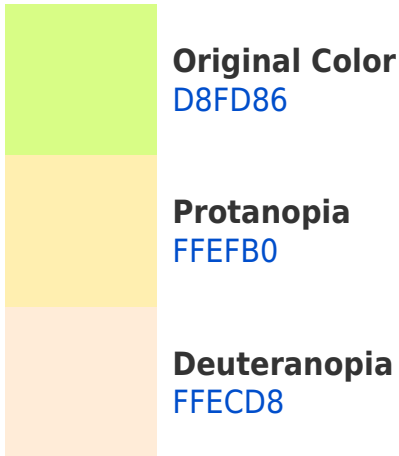


This preview shows how white text looks on a background with the Hex color D8FD86.

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](#).

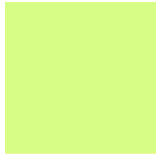
Dichromacy



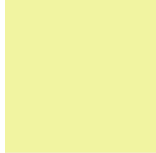


Tritanopia
E9EFFF

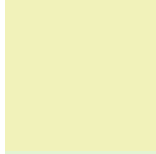
Trichromacy



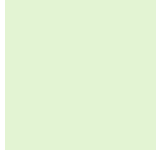
Original Color
D8FD86



Protanomaly
F1F4A1

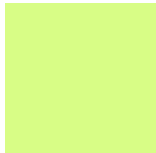


Deuteranomaly
F1F2BA

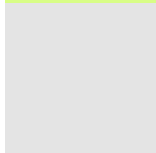


Tritanomaly
E3F4D3

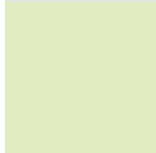
Monochromacy



Original Color
D8FD86



Achromatopsia
E4E4E4



Achromatomaly
E0EDC2

CSS Examples

Text

The CSS property to change the color of the text to Hex D8FD86 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 #D8FD86 looks like.

```
.text, #text, p{  
    color:#D8FD86  
}
```

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 #D8FD86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D8FD86
}
```

Border

The CSS property to change the border of an element to Hex D8FD86 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
#D8FD86 }
```

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

```
.border{ border-color:#D8FD86 }
```

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

Here you see how a box with a 4 pixel #D8FD86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D8FD86; -webkit-box-shadow:4px 4px  
4px 4px #D8FD86; box-shadow:4px 4px 4px  
4px #D8FD86 }
```

Background

The CSS property to change the background color of an element to Hex D8FD86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D8FD86 }
```

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

```
.background{ background-color:#D8FD86 }
```

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