

# Converting Colors

Hex(D5FD83)

Have a look what the booklet for  
Hex(D5FD83) contains.

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# **Color**

**Hex(D5FD83)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D5FD83
RGB	213, 253, 131
RGB Percent	84%, 99%, 51%
CMY	0.1647, 0.0078, 0.4863
CMYK	0.16, 0.00, 0.48, 0.01
HSL	80°, 97%, 75%
HSV	80°, 48%, 99%
XYZ	66.6626, 86.0354, 34.5657
YIQ	227.1320, 15.3220, -46.4220

# Conversions

## Conversions Part 2

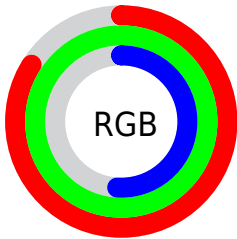
Format	Color
<a href="#">RYB</a>	<a href="#">131, 253, 171</a>
Decimal	<a href="#">14024067</a>
CIELab	<a href="#">94.33, -31.31, 53.78</a>
CIELCh	<a href="#">94, 62.234, 120.204</a>
Yxy	<a href="#">86.0354, 0.3560, 0.4594</a>
Android (android.graphics.Color)	<a href="#">4292214147 (0xFFD5FD83)</a>
YUV	<a href="#">227.1320, -47.3931, -12.3938</a>
Hunter-Lab	<a href="#">92.7553, -34.0350, 42.8340</a>

# Details

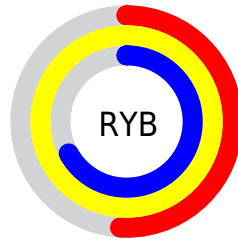
The Hex color **D5FD83** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **AB83FD**, and the grayscale version is **E4E4E4**.

A 20% lighter version of the original color is **FFFBA**, and **9CC44E** is the 20% darker color. If you saturate the color by 10%, you get **CDFD6A**, and if you desaturate by 10%, it is **DDFD9C**.

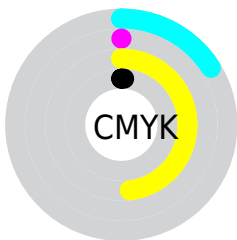
# Distribution



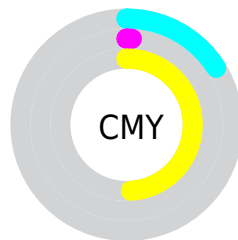
- Red (84%)
- Green (99%)
- Blue (51%)



- Red (51%)
- Yellow (99%)
- Blue (67%)



- Cyan (16%)
- Magenta (0%)
- Yellow (48%)
- Black (1%)



- Cyan (16%)
- Magenta (1%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D5FD83 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 D5FD83 by changing the saturation by 10% instead.



 D5FD83

 D5FD83

FFFFFF

 B8E068

 FFFFBA

 9CC44E

 FFFFD7

 81A933

 FFFFF4

 668E14

 4B7500

 315C00

 134400

 002D00

 001800

 D5FD83

 D5FD83

 CDFD6A

 DDFD9C

 C4FD50

 E6FDB6

 BCFD37

 EEFDCE

 B4FD1E

 F6FDE8

 ACFD05

 FEFDFE

 AAFD00

 FFFDFE

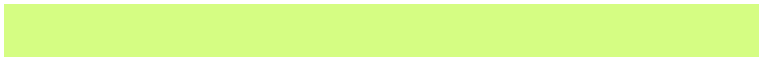
# Harmonies

## Analogous

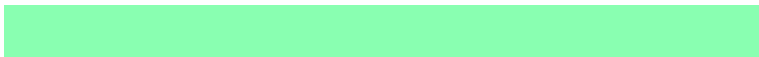
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFEB73



D5FD83



89FFB1

# Triad

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



D5FD83



00FFFF



FFBDF1

# Complementary

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



D5FD83



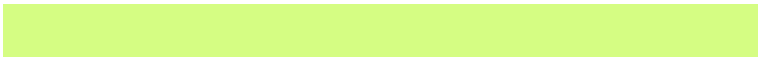
AB83FD

# 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.



FFC9FF



D5FD83



86F5FF

# Square

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



D5FD83



00FFFF



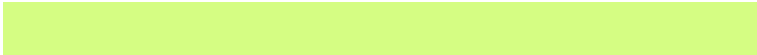
F3DFFF



FFC3B5

# Rectangle

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



D5FD83



35FFD8



F3DFFF



FFBFFF

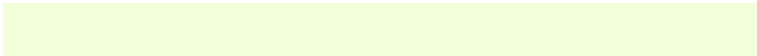


# Sweetspot

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



D5FD83



F3FFDB



FDAA83



78806A



000000

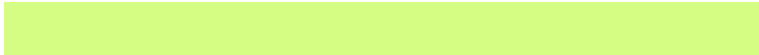


808080



# Same Dimension

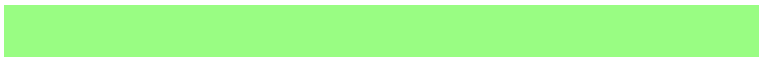
The Same Dimension uses a secret algorithm to generate beautiful new colors.



D5FD83



CFFF6B



99FD83



7B8073



81BF00



2B4000



# Inverse Universe

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



AB83FD



9C6BFF



E783FD



777380



3F00BF

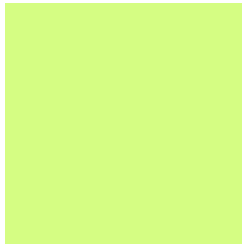


150040



# Previews

## White Background



This preview shows how the Hex color D5FD83 looks on a white background.

## Color Contrast Check

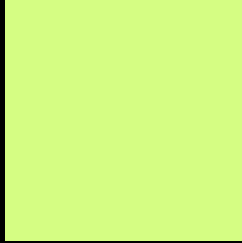
Large Text (above 18pt) WCAG AA × Fail

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 D5FD83 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 D5FD83 Background



This preview shows how black text looks on a background with the Hex color D5FD83.

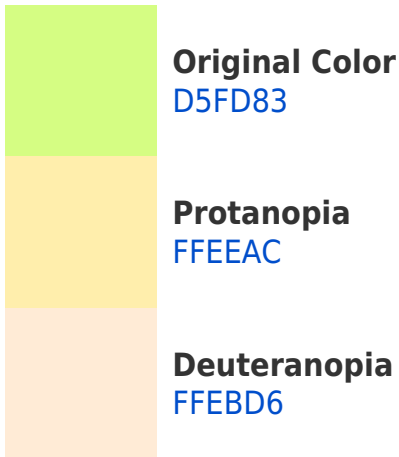


This preview shows how white text looks on a background with the Hex color D5FD83.

# 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



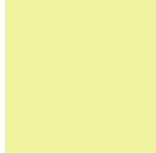


**Tritanopia**  
E7EFFF

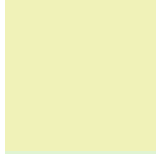
# Trichromacy



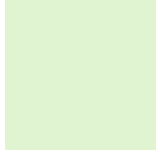
**Original Color**  
D5FD83



**Protanomaly**  
F0F39D



**Deuteranomaly**  
F0F2B8

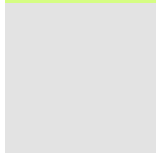


**Tritanomaly**  
E0F4D2

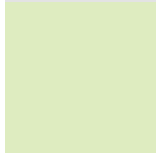
# Monochromacy



**Original Color**  
D5FD83



**Achromatopsia**  
E3E3E3



**Achromatomaly**  
DEECC0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D5FD83 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 #D5FD83 looks like.

```
.text, #text, p{  
    color:#D5FD83  
}
```

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 #D5FD83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5FD83
}
```

## Border

The CSS property to change the border of an element to Hex D5FD83 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
#D5FD83 }
```

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

```
.border{ border-color:#D5FD83 }
```

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

Here you see how a box with a 4 pixel #D5FD83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5FD83; -webkit-box-shadow:4px 4px  
4px 4px #D5FD83; box-shadow:4px 4px 4px  
4px #D5FD83 }
```

# Background

The CSS property to change the background color of an element to Hex D5FD83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5FD83 }
```

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

```
.background{ background-color:#D5FD83 }
```

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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