

Converting Colors

Hex(D4FB83)

Have a look what the booklet for
Hex(D4FB83) contains.

Hex(D4FB83)	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(D4FB83)

Conversions

Conversions Part 1

Format	Color
Hex	D4FB83
RGB	212, 251, 131
RGB Percent	83%, 98%, 51%
CMY	0.1686, 0.0157, 0.4863
CMYK	0.16, 0.00, 0.48, 0.02
HSL	79°, 94%, 75%
HSV	79°, 48%, 98%
XYZ	65.7453, 84.6301, 34.3428
YIQ	225.6590, 15.2760, -45.5880

Conversions

Conversions Part 2

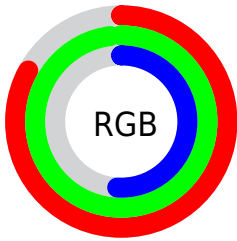
Format	Color
RYB	131, 251, 170
Decimal	13958019
CIELab	93.72, -30.75, 53.04
CIELCh	94, 61.308, 120.107
Yxy	84.6301, 0.3559, 0.4582
Android (android.graphics.Color)	4292148099 (0xFFD4FB83)
YUV	225.6590, -46.6669, -11.9789
Hunter-Lab	91.9946, -33.4230, 42.2625

Details

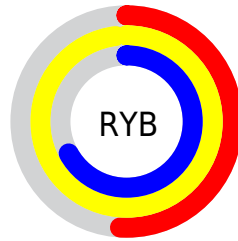
The Hex color **D4FB83** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **AA83FB**, and the grayscale version is **E2E2E2**.

A 20% lighter version of the original color is **FFFFBA**, and **9BC24E** is the 20% darker color. If you saturate the color by 10%, you get **CCFB6A**, and if you desaturate by 10%, it is **DCFB9C**.

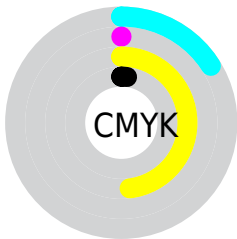
Distribution



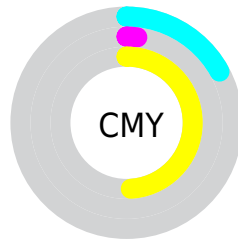
- Red (83%)
- Green (98%)
- Blue (51%)



- Red (51%)
- Yellow (98%)
- Blue (67%)



- Cyan (16%)
- Magenta (0%)
- Yellow (48%)
- Black (2%)



- Cyan (17%)
- Magenta (2%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color D4FB83 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 D4FB83 by changing the saturation by 10% instead.

 D4FB83

FFFFFF

 FFFFBA

 FFFFD7

 FFFFF4

 D4FB83

 B7DE68


 9BC24E

 80A733

 658D15

 4A7300

 305A00

 134200

 002C00

 001500

 D4FB83

 D4FB83

 CCFB6A

 DCFB9C

 C4FB51

 E4FBB5

 BCFB38

 ECFBCE

 B3FB1F

 F5FBE7

 ABFB05

 FDFBFF

 A9FB00

 FFFBFF

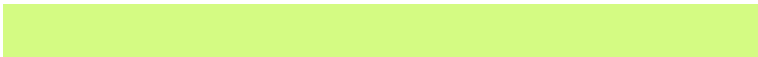
Harmonies

Analogous

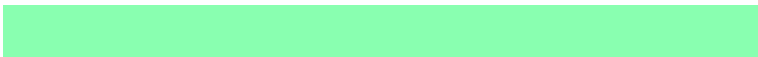
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFEA73



D4FB83



89FFB0

Triad

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



D4FB83



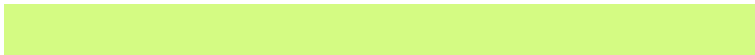
00FFFF



FFBCEF

Complementary

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



D4FB83



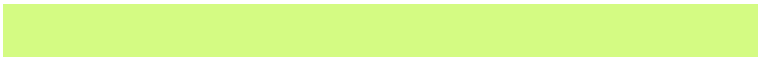
AA83FB

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.



FFC8FF



D4FB83



87F3FF

Square

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



D4FB83



00FFFF



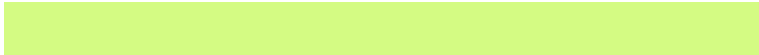
F1DDFF



FFC2B5

Rectangle

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



D4FB83



3AFFD7



F1DDFF



FFBEFF

Sweetspot

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



D4FB83



F3FFDB



FBA983



78806A



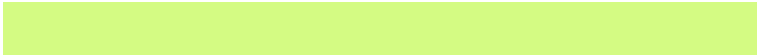
000000



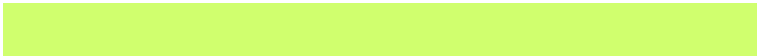
808080

Same Dimension

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



D4FB83



D0FF6E



99FB83



797D70



7FBD00



293D00

Inverse Universe

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



AA83FB



9D6EFF



E583FB



75707D



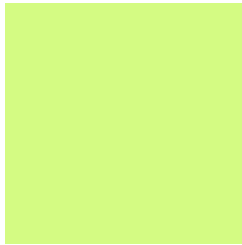
3D00BD



14003D

Previews

White Background



This preview shows how the Hex color D4FB83 looks on a white background.

Color Contrast Check

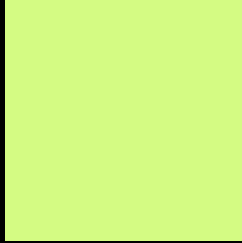
Large Text (above 18pt) WCAG AA × Fail

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 D4FB83 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 D4FB83 Background



This preview shows how black text looks on a background with the Hex color D4FB83.

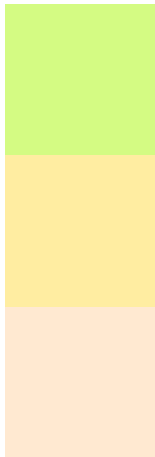


This preview shows how white text looks on a background with the Hex color D4FB83.

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



Original Color
D4FB83

Protanopia
FFEDA1

Deuteranopia
FFE9D1

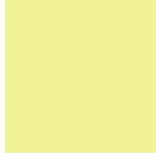


Tritanopia
E4EDFF

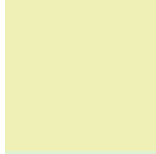
Trichromacy



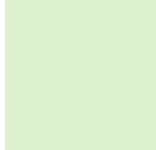
Original Color
D4FB83



Protanomaly
EFF296



Deuteranomaly
EFF0B5

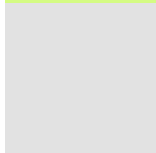


Tritanomaly
DEF2D2

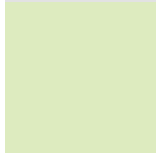
Monochromacy



Original Color
D4FB83



Achromatopsia
E2E2E2



Achromatomaly
DDEBBF

CSS Examples

Text

The CSS property to change the color of the text to Hex D4FB83 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 #D4FB83 looks like.

```
.text, #text, p{  
    color:#D4FB83  
}
```

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 #D4FB83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D4FB83
}
```

Border

The CSS property to change the border of an element to Hex D4FB83 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
#D4FB83 }
```

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

```
.border{ border-color:#D4FB83 }
```

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

Here you see how a box with a 4 pixel #D4FB83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D4FB83; -webkit-box-shadow:4px 4px  
4px 4px #D4FB83; box-shadow:4px 4px 4px  
4px #D4FB83 }
```

Background

The CSS property to change the background color of an element to Hex D4FB83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D4FB83 }
```

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

```
.background{ background-color:#D4FB83 }
```

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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