

Converting Colors

Hex(D1FF6B)

Have a look what the booklet for
Hex(D1FF6B) contains.

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Color

Hex(D1FF6B)

Conversions

Conversions Part 1

Format	Color
Hex	D1FF6B
RGB	209, 255, 107
RGB Percent	82%, 100%, 42%
CMY	0.1804, 0.0000, 0.5804
CMYK	0.18, 0.00, 0.58, 0.00
HSL	79°, 100%, 71%
HSV	79°, 58%, 100%
XYZ	64.7083, 86.1368, 27.1255
YIQ	224.3740, 20.0920, -55.7800

Conversions

Conversions Part 2

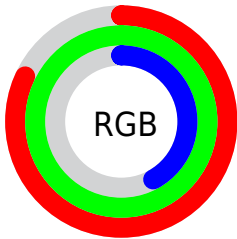
Format	Color
RYB	107, 255, 153
Decimal	13762411
CIELab	94.37, -35.88, 64.45
CIELCh	94, 73.764, 119.105
Yxy	86.1368, 0.3636, 0.4840
Android (android.graphics.Color)	4291952491 (0xFFD1FF6B)
YUV	224.3740, -57.8654, -13.4830
Hunter-Lab	92.8099, -37.9648, 47.6383

Details

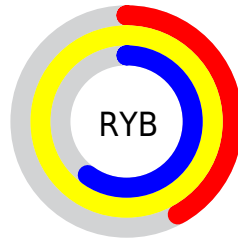
The Hex color **D1FF6B** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **996BFF**, and the grayscale version is **E1E1E1**.

A 20% lighter version of the original color is **FFFA3**, and **97C632** is the 20% darker color. If you saturate the color by 10%, you get **C9FF52**, and if you desaturate by 10%, it is **D9FF85**.

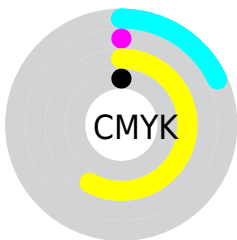
Distribution



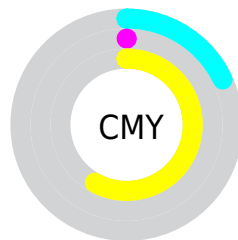
- Red (82%)
- Green (100%)
- Blue (42%)



- Red (42%)
- Yellow (100%)
- Blue (60%)



- Cyan (18%)
- Magenta (0%)
- Yellow (58%)
- Black (0%)



- Cyan (18%)
- Magenta (0%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color D1FF6B 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 D1FF6B by changing the saturation by 10% instead.

 D1FF6B

FFFFFF

 FFFFA3

 FFFFBF

 FFFFDC

 FFFFFA

 D1FF6B

 B4E24F

 97C632

 7BAB0B

 5F9000

 447600

 285D00

 004500

 002E00

 001800

 D1FF6B

 D1FF6B

 C9FF52

 D9FF85

 C1FF38

 E1FF9E

 B9FF1F

 E9FFB8

 B1FF05

 F1FFD1

 B0FF00

 F9FFEB

FFFFFF

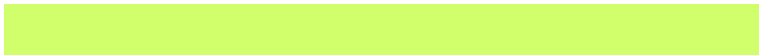
Harmonies

Analogous

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



FFEA58



D1FF6B



71FFA2

Triad

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



D1FF6B



00FFFF



FFB0F4

Complementary

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



D1FF6B



996BFF

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.



FFC0FF



D1FF6B



46F7FF

Square

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



D1FF6B



00FFFF



EEDDF



FFB7AE

Rectangle

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



D1FF6B



00FFD2



EEDDFF



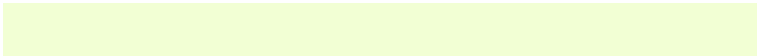
FFB3FF

Sweetspot

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



D1FF6B



F2FFD4



FF976B



788066



000000



808080

Same Dimension

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



D1FF6B



C8FF4D



89FF6B



7C8073



84BF00



2C4000

Inverse Universe

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



996BFF



844DFF



E16BFF



777380



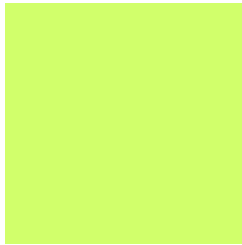
3B00BF



140040

Previews

White Background



This preview shows how the Hex color D1FF6B looks on a white background.

Color Contrast Check

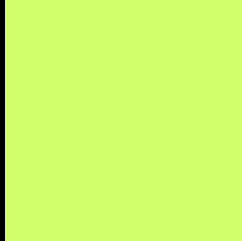
Large Text (above 18pt) WCAG AA × Fail

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 D1FF6B 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 D1FF6B Background



This preview shows how black text looks on a background with the Hex color D1FF6B.

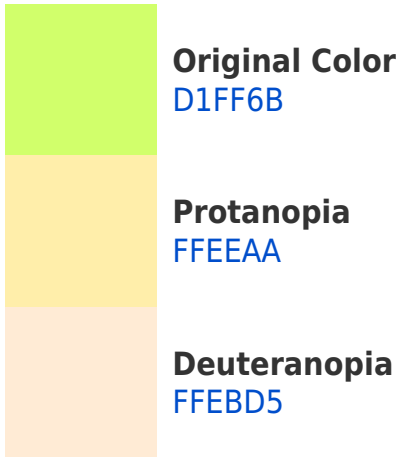


This preview shows how white text looks on a background with the Hex color D1FF6B.

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](#).

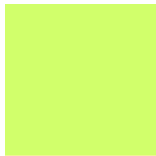
Dichromacy





Tritanopia
E5EFFF

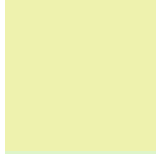
Trichromacy



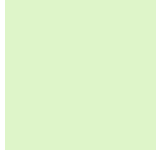
Original Color
D1FF6B



Protanomaly
EEF493

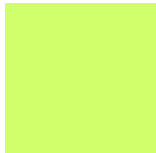


Deuteranomaly
EEF2AE

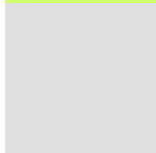


Tritanomaly
DEF5C9

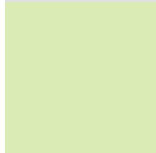
Monochromacy



Original Color
D1FF6B



Achromatopsia
E0E0E0



Achromatomaly
DBEBB5

CSS Examples

Text

The CSS property to change the color of the text to Hex D1FF6B 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 #D1FF6B looks like.

```
.text, #text, p{  
    color:#D1FF6B  
}
```

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 #D1FF6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D1FF6B
}
```

Border

The CSS property to change the border of an element to Hex D1FF6B 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
#D1FF6B }
```

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

```
.border{ border-color:#D1FF6B }
```

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

Here you see how a box with a 4 pixel #D1FF6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D1FF6B; -webkit-box-shadow:4px 4px  
4px 4px #D1FF6B; box-shadow:4px 4px 4px  
4px #D1FF6B }
```

Background

The CSS property to change the background color of an element to Hex D1FF6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D1FF6B }
```

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

```
.background{ background-color:#D1FF6B }
```

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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