

Converting Colors

Hex(D4FF6A)

Have a look what the booklet for
Hex(D4FF6A) contains.

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Color

Hex(D4FF6A)

Conversions

Conversions Part 1

Format	Color
Hex	D4FF6A
RGB	212, 255, 106
RGB Percent	83%, 100%, 42%
CMY	0.1686, 0.0000, 0.5843
CMYK	0.17, 0.00, 0.58, 0.00
HSL	77°, 100%, 71%
HSV	77°, 58%, 100%
XYZ	65.5129, 86.5577, 26.8901
YIQ	225.1570, 22.2010, -55.4550

Conversions

Conversions Part 2

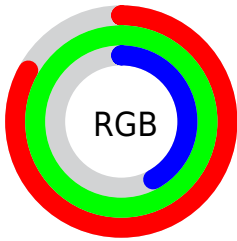
Format	Color
R _Y B	106, 255, 149
Decimal	13959018
CIE Lab	94.55, -34.84, 65.12
CIE LCh	95, 73.857, 118.145
Yxy	86.5577, 0.3661, 0.4837
Android (android.graphics.Color)	4292149098 (0xFFD4FF6A)
YUV	225.1570, -58.7444, -11.5387
Hunter-Lab	93.0364, -37.1203, 47.9890

Details

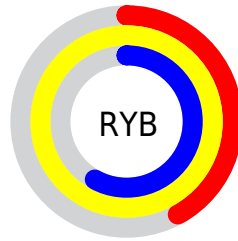
The Hex color **D4FF6A** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **956AFF**, and the grayscale version is **E2E2E2**.

A 20% lighter version of the original color is **FFFA2**, and **9AC631** is the 20% darker color. If you saturate the color by 10%, you get **CDFF51**, and if you desaturate by 10%, it is **DBFF84**.

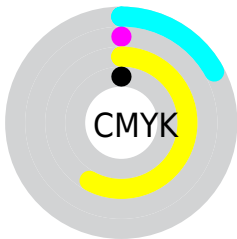
Distribution



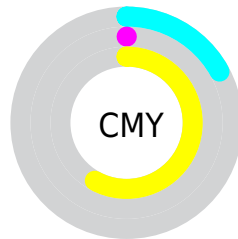
- Red (83%)
- Green (100%)
- Blue (42%)



- Red (42%)
- Yellow (100%)
- Blue (58%)



- Cyan (17%)
- Magenta (0%)
- Yellow (58%)
- Black (0%)



- Cyan (17%)
- Magenta (0%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color D4FF6A 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 D4FF6A by changing the saturation by 10% instead.

 D4FF6A

FFFFFF

 FFFFA2

 FFFFBE

 FFFFDB

 FFFFF9

 D4FF6A

 B7E24E

 9AC631

 7EAB08

 629000

 477600

 2B5D00

 064500

 002E00

 001900

 D4FF6A

 D4FF6A

 CDFF51

 DBFF84

 C5FF37

 E3FF9D

 BEFF1E

 EAFFB7

 B7FF04

 F1FFD0

 B5FF00

 F9FFEA

FFFFFF

Harmonies

Analogous

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



FFEA59



D4FF6A



75FFA1

Triad

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



D4FF6A



00FFFF



FFB0F7

Complementary

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



D4FF6A



956AFF

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.



FFC2FF



D4FF6A



39F8FF

Square

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



D4FF6A



00FFFF



EBDEFF



FFB7B0

Rectangle

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



D4FF6A



00FFD0



EBDEFF



FFB4FF

Sweetspot

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



D4FF6A



F2FFD1



FF946A



778063



000000



808080

Same Dimension

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



D4FF6A



CBFF4D



8AFF6A



7C8073



88BF00



2D4000

Inverse Universe

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



956AFF



804DFF



DF6AFF



767380



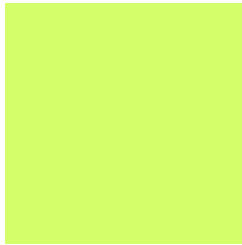
3700BF



120040

Previews

White Background



This preview shows how the Hex color D4FF6A looks on a white background.

Color Contrast Check

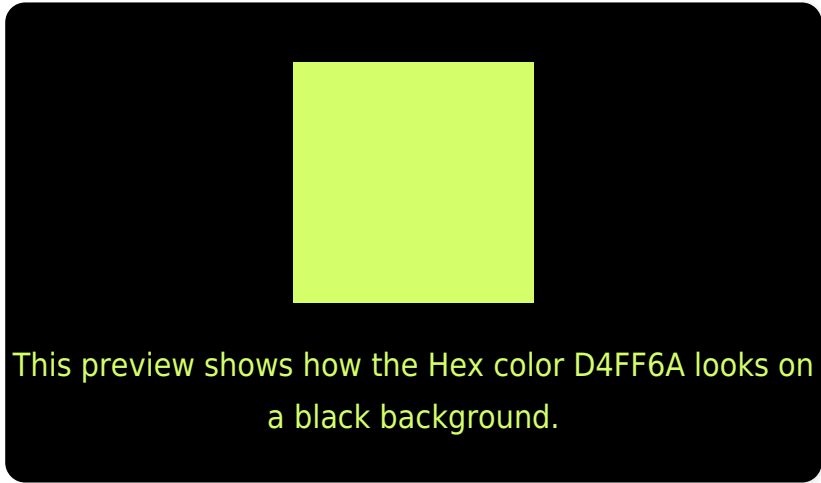
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 D4FF6A Background



This preview shows how black text looks on a background with the Hex color D4FF6A.

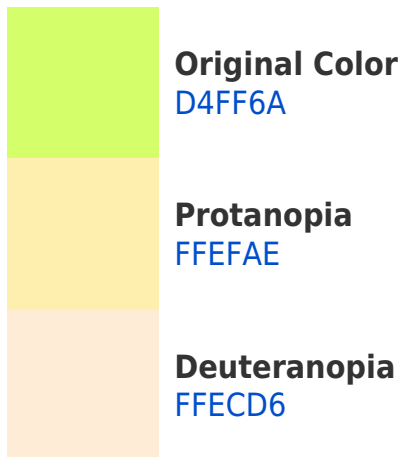


This preview shows how white text looks on a background with the Hex color D4FF6A.

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](#).

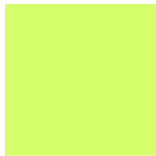
Dichromacy



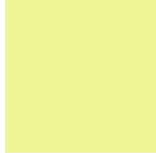


Tritanopia
E8EFFF

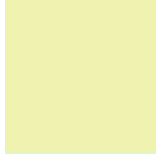
Trichromacy



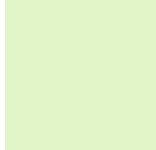
Original Color
D4FF6A



Protanomaly
EFF595

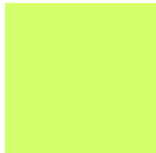


Deuteranomaly
EFF3AF

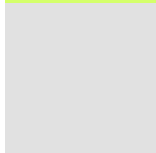


Tritanomaly
E1F5C9

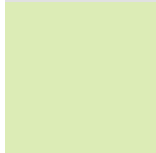
Monochromacy



Original Color
D4FF6A



Achromatopsia
E1E1E1



Achromatomaly
DCECB6

CSS Examples

Text

The CSS property to change the color of the text to Hex D4FF6A 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 #D4FF6A looks like.

```
.text, #text, p{  
    color:#D4FF6A  
}
```

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 #D4FF6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D4FF6A
}
```

Border

The CSS property to change the border of an element to Hex D4FF6A 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
#D4FF6A }
```

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

```
.border{ border-color:#D4FF6A }
```

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

Here you see how a box with a 4 pixel #D4FF6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D4FF6A; -webkit-box-shadow:4px 4px  
4px 4px #D4FF6A; box-shadow:4px 4px 4px  
4px #D4FF6A }
```

Background

The CSS property to change the background color of an element to Hex D4FF6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D4FF6A }
```

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

```
.background{ background-color:#D4FF6A }
```

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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