

Converting Colors

Hex(D4FF70)

Have a look what the booklet for
Hex(D4FF70) contains.

| | |
|--|----|
| Hex(D4FF70) | 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(D4FF70)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D4FF70 |
| RGB | 212, 255, 112 |
| RGB Percent | 83%, 100%, 44% |
| CMY | 0.1686, 0.0000, 0.5608 |
| CMYK | 0.17, 0.00, 0.56, 0.00 |
| HSL | 78°, 100%, 72% |
| HSV | 78°, 56%, 100% |
| XYZ | 65.8360, 86.6869, 28.5916 |
| YIQ | 225.8410, 20.2750, -53.5890 |

Conversions

Conversions Part 2

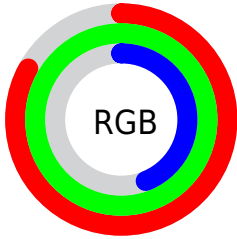
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 112, 255, 155 |
| Decimal | 13959024 |
| CIELab | 94.61, -34.35, 62.63 |
| CIElCh | 95, 71.428, 118.745 |
| Yxy | 86.6869, 0.3635, 0.4786 |
| Android (android.graphics.Color) | 4292149104 (0xFFD4FF70) |
| YUV | 225.8410, -56.1236, -12.1386 |
| Hunter-Lab | 93.1058, -36.7161, 46.9669 |

Details

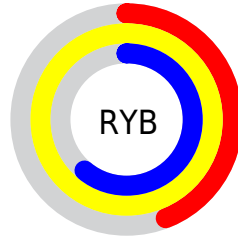
The Hex color **D4FF70** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **9B70FF**, and the grayscale version is **E2E2E2**.

A 20% lighter version of the original color is **FFFA8**, and **9AC638** is the 20% darker color. If you saturate the color by 10%, you get **CCFF57**, and if you desaturate by 10%, it is **DCFF8A**.

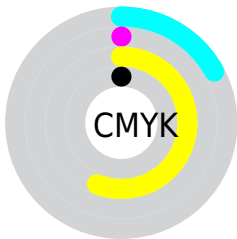
Distribution



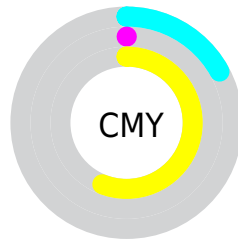
- Red (83%)
- Green (100%)
- Blue (44%)



- Red (44%)
- Yellow (100%)
- Blue (61%)



- Cyan (17%)
- Magenta (0%)
- Yellow (56%)
- Black (0%)



- Cyan (17%)
- Magenta (0%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color D4FF70 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 D4FF70 by changing the saturation by 10% instead.

 D4FF70

 D4FF70

FFFFFF

 B7E254

 FFFFA8

 9AC638

 FFFFC4

 7EAB17

 FFFFE1

 639000

FFFFFFE

 477600

 2C5D00

 094500

 002E00

 001900

 D4FF70

 D4FF70

 CCFF57

 DCFF8A

 C5FF3D

 E3FFA3

 BDFF23

 EBFFBD

 B5FF0A

 F3FFD6

 B2FF00

 FAFFF0

FFFFFF

Harmonies

Analogous

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



FFEB5F



D4FF70



79FFA5

Triad

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



D4FF70



00FFFF



FFB3F5

Complementary

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



D4FF70



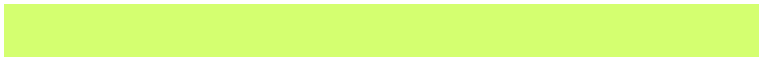
9B70FF

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.



FFC3FF



D4FF70



54F8FF

Square

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



D4FF70



00FFFF



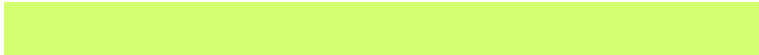
EEDFFF



FFBAB1

Rectangle

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



D4FF70



00FFD2



EEDFFF



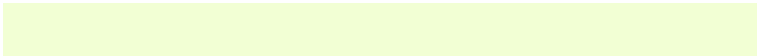
FFB6FF

Sweetspot

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



D4FF70



F2FFD4



FF9B70



788066



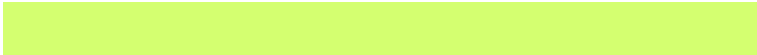
000000



808080

Same Dimension

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



D4FF70



CCFF54



8DFF70



7C8073



86BF00



2D4000

Inverse Universe

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



9B70FF



8854FF



E270FF



777380



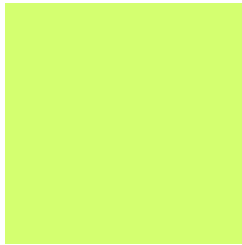
3A00BF



130040

Previews

White Background



This preview shows how the Hex color D4FF70 looks on a white background.

Color Contrast Check

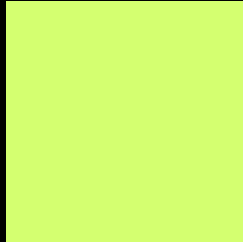
Large Text (above 18pt) WCAG AA × Fail

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 D4FF70 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 D4FF70 Background



This preview shows how black text looks on a background with the Hex color D4FF70.

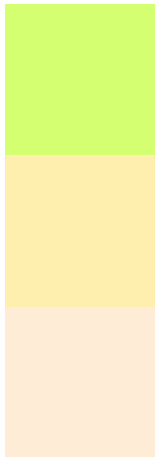


This preview shows how white text looks on a background with the Hex color D4FF70.

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
D4FF70

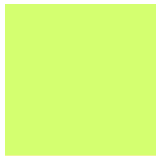
Protanopia
FFEFAF

Deuteranopia
FFECD7

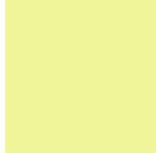


Tritanopia
E8EFFF

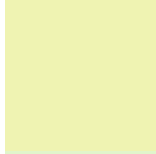
Trichromacy



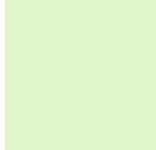
Original Color
D4FF70



Protanomaly
EFF598



Deuteranomaly
EFF3B2

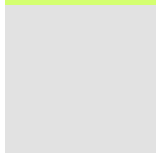


Tritanomaly
E1F5CB

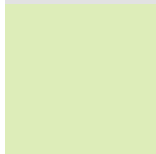
Monochromacy



Original Color
D4FF70



Achromatopsia
E2E2E2



Achromatomaly
DDED B9

CSS Examples

Text

The CSS property to change the color of the text to Hex D4FF70 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 #D4FF70 looks like.

```
.text, #text, p{  
    color:#D4FF70  
}
```

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 #D4FF70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D4FF70
}
```

Border

The CSS property to change the border of an element to Hex D4FF70 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
#D4FF70 }
```

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

```
.border{ border-color:#D4FF70 }
```

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

Here you see how a box with a 4 pixel #D4FF70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D4FF70; -webkit-box-shadow:4px 4px  
4px 4px #D4FF70; box-shadow:4px 4px 4px  
4px #D4FF70 }
```

Background

The CSS property to change the background color of an element to Hex D4FF70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D4FF70 }
```

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

```
.background{ background-color:#D4FF70 }
```

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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