

Converting Colors

Hex(D3FF74)

Have a look what the booklet for
Hex(D3FF74) contains.

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Color

Hex(D3FF74)

Conversions

Conversions Part 1

Format	Color
Hex	D3FF74
RGB	211, 255, 116
RGB Percent	83%, 100%, 45%
CMY	0.1725, 0.0000, 0.5451
CMYK	0.17, 0.00, 0.55, 0.00
HSL	79°, 100%, 73%
HSV	79°, 55%, 100%
XYZ	65.7764, 86.6298, 29.7774
YIQ	225.9980, 18.3950, -52.5570

Conversions

Conversions Part 2

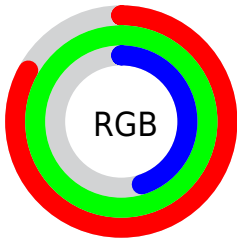
Format	Color
RYB	116, 255, 160
Decimal	13893492
CIELab	94.58, -34.38, 60.84
CIELCh	95, 69.880, 119.471
Yxy	86.6298, 0.3610, 0.4755
Android (android.graphics.Color)	4292083572 (0xFFD3FF74)
YUV	225.9980, -54.2290, -13.1532
Hunter-Lab	93.0752, -36.7353, 46.1840

Details

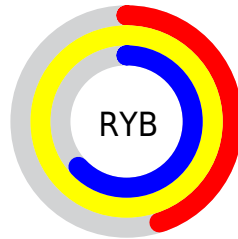
The Hex color **D3FF74** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **A074FF**, and the grayscale version is **E3E3E3**.

A 20% lighter version of the original color is **FFFFAB**, and **9AC63D** is the 20% darker color. If you saturate the color by 10%, you get **CBFF5A**, and if you desaturate by 10%, it is **DBFF8E**.

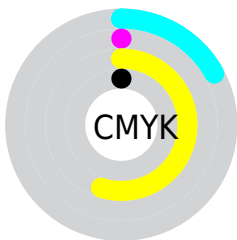
Distribution



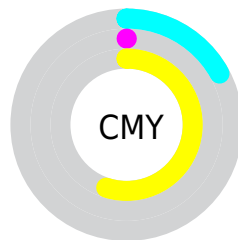
- Red (83%)
- Green (100%)
- Blue (45%)



- Red (45%)
- Yellow (100%)
- Blue (63%)



- Cyan (17%)
- Magenta (0%)
- Yellow (55%)
- Black (0%)



- Cyan (17%)
- Magenta (0%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color D3FF74 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 D3FF74 by changing the saturation by 10% instead.

 D3FF74

 D3FF74

FFFFFF

 B6E259

 FFFFAB

 9AC63D

 FFFFC8

 7EAB1E

 FFFF E5

 629000

 477600

 2C5D00

 094500

 002E00

 001900

 D3FF74

 D3FF74

 CBFF5A

 DBFF8E

 C3FF41

 E3FFA7

 BBFF27

 EBFFC1

 B3FF0E

 F3FFDA

 AEFF00

 FBFFF3

FFFFFF

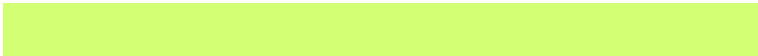
Harmonies

Analogous

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



FFEB62



D3FF74



7AFFA8

Triad

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



D3FF74



00FFFF



FFB5F3

Complementary

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



D3FF74



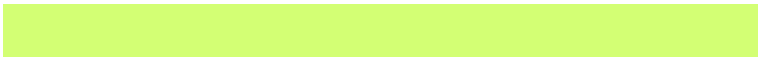
A074FF

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.



FFC4FF



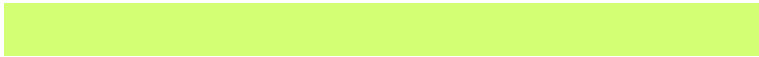
D3FF74



63F7FF

Square

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



D3FF74



00FFFF



F1DEFF



FFBCB1

Rectangle

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



D3FF74



00FFD4



F1DEFF



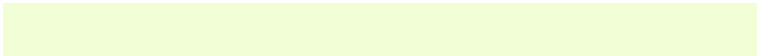
FFB8FF

Sweetspot

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



D3FF74



F2FFD6



FF9E74



788067



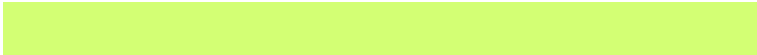
000000



808080

Same Dimension

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



D3FF74



CBFF59



90FF74



7B8073



83BF00



2C4000

Inverse Universe

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



A074FF



8E59FF



E374FF



777380



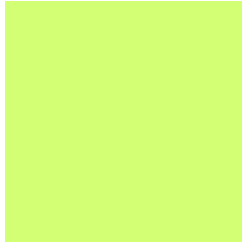
3D00BF



140040

Previews

White Background



This preview shows how the Hex color D3FF74 looks on a white background.

Color Contrast Check

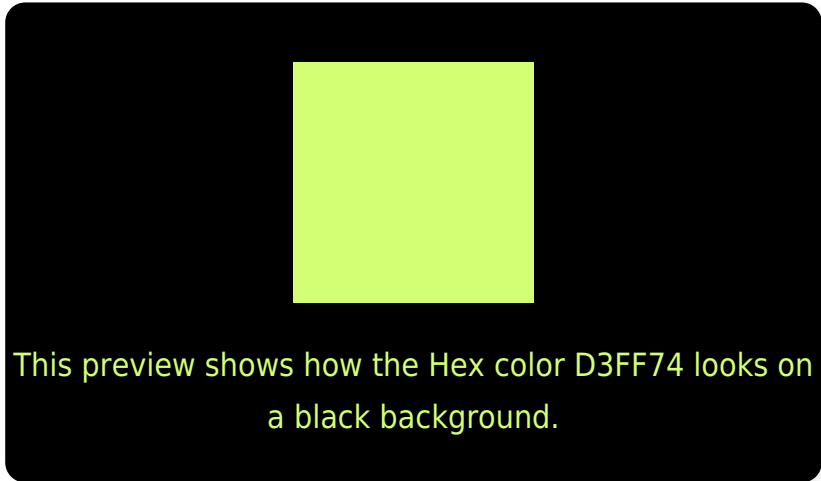
Large Text (above 18pt) WCAG AA × Fail

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

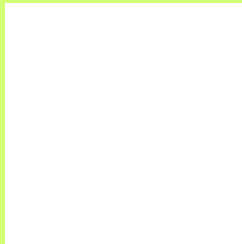
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex D3FF74 Background



This preview shows how black text looks on a background with the Hex color D3FF74.

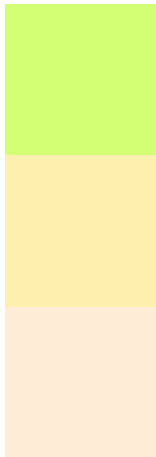


This preview shows how white text looks on a background with the Hex color D3FF74.

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
D3FF74

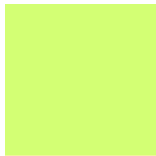
Protanopia
FFEFAF

Deuteranopia
FFECD7

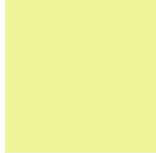


Tritanopia
E7F0FF

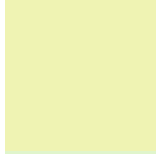
Trichromacy



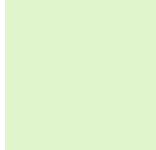
Original Color
D3FF74



Protanomaly
EFF59A



Deuteranomaly
EFF3B3

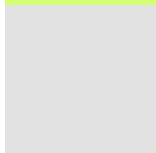


Tritanomaly
E0F5CC

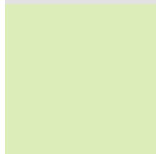
Monochromacy



Original Color
D3FF74



Achromatopsia
E2E2E2



Achromatomaly
DDEDDBA

CSS Examples

Text

The CSS property to change the color of the text to Hex D3FF74 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 #D3FF74 looks like.

```
.text, #text, p{  
    color:#D3FF74  
}
```

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 #D3FF74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3FF74
}
```

Border

The CSS property to change the border of an element to Hex D3FF74 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
#D3FF74 }
```

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

```
.border{ border-color:#D3FF74 }
```

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

Here you see how a box with a 4 pixel #D3FF74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3FF74; -webkit-box-shadow:4px 4px  
4px 4px #D3FF74; box-shadow:4px 4px 4px  
4px #D3FF74 }
```

Background

The CSS property to change the background color of an element to Hex D3FF74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3FF74 }
```

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

```
.background{ background-color:#D3FF74 }
```

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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