

# Converting Colors

Hex(D9FF74)

Have a look what the booklet for  
Hex(D9FF74) contains.

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# **Color**

**Hex(D9FF74)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D9FF74
RGB	217, 255, 116
RGB Percent	85%, 100%, 45%
CMY	0.1490, 0.0000, 0.5451
CMYK	0.15, 0.00, 0.55, 0.00
HSL	76°, 100%, 73%
HSV	76°, 55%, 100%
XYZ	67.5277, 87.5327, 29.8594
YIQ	227.7920, 21.9710, -51.2850

# Conversions

## Conversions Part 2

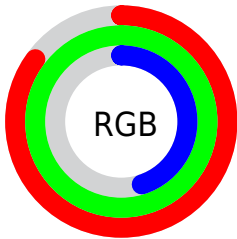
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">116, 255, 154</a>
Decimal	<a href="#">14286708</a>
<a href="#">CIELab</a>	<a href="#">94.96, -32.14, 61.38</a>
<a href="#">CIElCh</a>	<a href="#">95, 69.284, 117.637</a>
<a href="#">Yxy</a>	<a href="#">87.5327, 0.3652, 0.4734</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4292476788 (0xFFD9FF74)</a>
<a href="#">YUV</a>	<a href="#">227.7920, -55.1135, -9.4646</a>
<a href="#">Hunter-Lab</a>	<a href="#">93.5589, -34.8928, 46.5688</a>

# Details

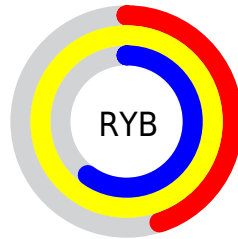
The Hex color **D9FF74** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **9A74FF**, and the grayscale version is **E4E4E4**.

A 20% lighter version of the original color is **FFFFAB**, and **9FC63D** is the 20% darker color. If you saturate the color by 10%, you get **D2FF5A**, and if you desaturate by 10%, it is **E0FF8E**.

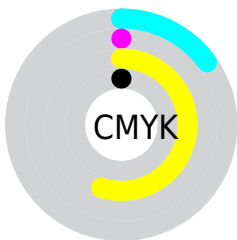
# Distribution



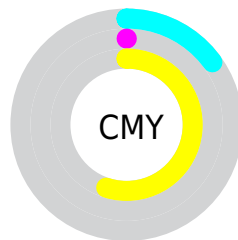
- Red (85%)
- Green (100%)
- Blue (45%)



- Red (45%)
- Yellow (100%)
- Blue (60%)



- Cyan (15%)
- Magenta (0%)
- Yellow (55%)
- Black (0%)



- Cyan (15%)
- Magenta (0%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D9FF74 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 D9FF74 by changing the saturation by 10% instead.



 D9FF74

 D9FF74

FFFFFF

 BCE259

 FFFFAB

 9FC63D

 FFFFC8

 83AB1E

 FFFF E5

 689000

 4D7600

 325D00

 134600

 002F00

 001A00

 D9FF74

 D9FF74

 D2FF5A

 E0FF8E

 CBFF41

 E7FFA7

 C4FF27

 EEFFC1

 BDFF0E

 F5FFDA

 B9FF00

 FCFFF3

FFFFFF

# Harmonies

## Analogous

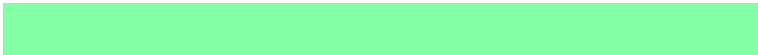
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFEB65



D9FF74



83FFA6

# Triad

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



D9FF74



00FFFF



FFB7F9

# Complementary

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



D9FF74



9A74FF

# 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.



FFC7FF



D9FF74



5AF9FF

# Square

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



D9FF74



00FFFF



ECE1FF



FFDB6

# Rectangle

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



D9FF74



00FFD2



ECE1FF



FFBAFF



# Sweetspot

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



D9FF74



F4FFD6



FF9974



798067



000000



808080



# Same Dimension

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



D9FF74



D2FF59



94FF74



7C8073



8BBF00



2E4000



# Inverse Universe

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



9A74FF



8759FF



DF74FF



767380



3400BF

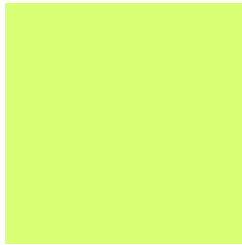


110040



# Previews

## White Background



This preview shows how the Hex color D9FF74 looks on a white background.

## Color Contrast Check

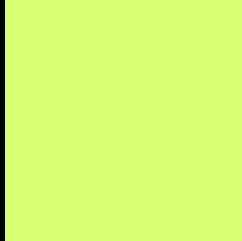
Large Text (above 18pt) WCAG AA × Fail

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 D9FF74 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 D9FF74 Background



This preview shows how black text looks on a background with the Hex color D9FF74.

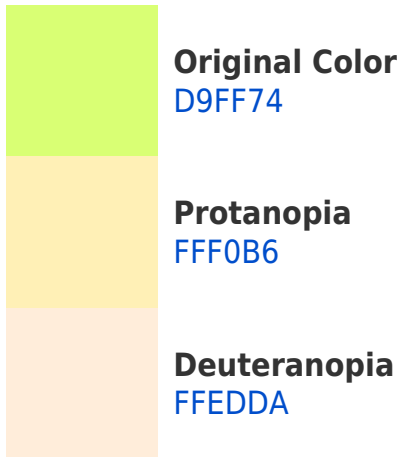


This preview shows how white text looks on a background with the Hex color D9FF74.

# Color Blindness Simulation

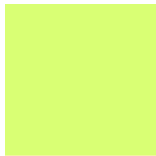
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





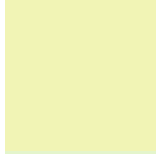
# Trichromacy



**Original Color**  
D9FF74



**Protanomaly**  
F1F59E



**Deuteranomaly**  
F1F4B5

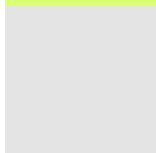


**Tritanomaly**  
E4F5CC

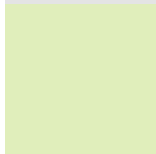
# Monochromacy



**Original Color**  
D9FF74



**Achromatopsia**  
E4E4E4



**Achromatomaly**  
E0EEBB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D9FF74 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 #D9FF74 looks like.

```
.text, #text, p{  
    color:#D9FF74  
}
```

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 #D9FF74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9FF74
}
```

## Border

The CSS property to change the border of an element to Hex D9FF74 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
#D9FF74 }
```

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

```
.border{ border-color:#D9FF74 }
```

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

Here you see how a box with a 4 pixel #D9FF74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9FF74; -webkit-box-shadow:4px 4px  
4px 4px #D9FF74; box-shadow:4px 4px 4px  
4px #D9FF74 }
```

# Background

The CSS property to change the background color of an element to Hex D9FF74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9FF74 }
```

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

```
.background{ background-color:#D9FF74 }
```

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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