

Converting Colors

Hex(1DFF74)

Have a look what the booklet for
Hex(1DFF74) contains.

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Color

Hex(1DFF74)

Conversions

Conversions Part 1

Format	Color
Hex	1DFF74
RGB	29, 255, 116
RGB Percent	11%, 100%, 45%
CMY	0.8863, 0.0000, 0.5451
CMYK	0.89, 0.00, 0.55, 0.00
HSL	143°, 100%, 56%
HSV	143°, 89%, 100%
XYZ	39.4191, 73.0422, 28.5439
YIQ	171.5800, -90.0770, -91.1410

Conversions

Conversions Part 2

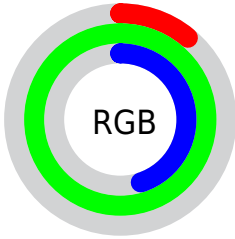
Format	Color
R_{YB}	29, 192, 255
Decimal	1965940
CIE _{Lab}	88.47, -77.42, 52.12
CIE _{LCh}	88, 93.327, 146.054
Yxy	73.0422, 0.2796, 0.5180
Android (android.graphics.Color)	4280156020 (0xFF1DFF74)
YUV	171.5800, -27.4009, -125.0427
Hunter-Lab	85.4647, -67.2333, 40.0233

Details

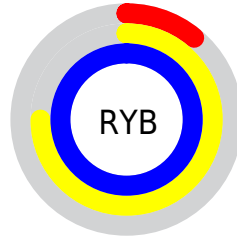
The Hex color **1DFF74** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed spring green. A complement of this color would be **FF1DA8**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **7AFFAB**, and **00C53E** is the 20% darker color. If you saturate the color by 10%, you get **04FF64**, and if you desaturate by 10%, it is **37FF84**.

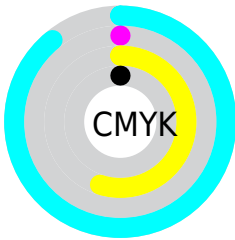
Distribution



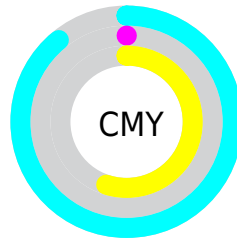
- Red (11%)
- Green (100%)
- Blue (45%)



- Red (11%)
- Yellow (75%)
- Blue (100%)



- Cyan (89%)
- Magenta (0%)
- Yellow (55%)
- Black (0%)



- Cyan (89%)
- Magenta (0%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1DFF74 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 1DFF74 by changing the saturation by 10% instead.

 1DFF74

 1DFF74

FFFFFF

 00E159

 7AFFAB

 00C53E

 9CFFC7

 00A822

 BDFFE4

 008C00

 DDFFFF

 007100

 FDFFFF

 005700

 003E00

 002400

 000000

 1DFF74

 1DFF74

 04FF64

 37FF84

 00FF62

 50FF93

 6AFFA3

 83FFB3

 9DFFC2

 B6FFD2

 D0FFE2

 E9FFF1

FFFFFF

Harmonies

Analogous

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



BDF017



1DFF74



00FFCF

Triad

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



1DFF74



00ECFF



FF8C96

Complementary

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



1DFF74



FF1DA8

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.



FF82EE



1DFF74



C4CBFF

Square

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



1DFF74



00FFFF



FFA1FF



FFB146

Rectangle

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



1DFF74



00FFFF



FFA1FF



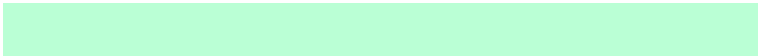
FF84B2

Sweetspot

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



1DFF74



BAFFD5



A8FF1D



578066



000000



808080

Same Dimension

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



1DFF74



00FF62



1DFFE5



738078



00BF4A



004019

Inverse Universe

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



FF1DA8



FF009D



FF1D37



80737B



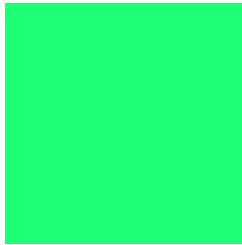
BF0076



400027

Previews

White Background



This preview shows how the Hex color 1DFF74 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 1DFF74 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 1DFF74 Background



This preview shows how black text looks on a background with the Hex color 1DFF74.

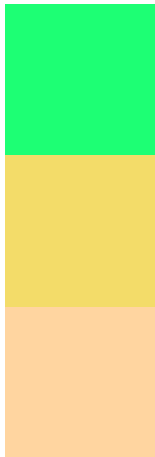


This preview shows how white text looks on a background with the Hex color 1DFF74.

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](#).

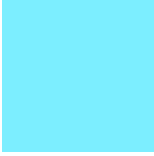
Dichromacy



Original Color
1DFF74

Protanopia
F3DC69

Deuteranopia
FFD5A0



Tritanopia
7CEEFF

Trichromacy



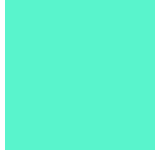
Original Color
1DFF74



Protanomaly
A5E96D



Deuteranomaly
ADE490

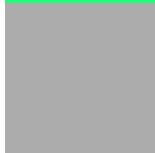


Tritanomaly
59F4CC

Monochromacy



Original Color
1DFF74



Achromatopsia
ACACAC



Achromatomaly
78CA98

CSS Examples

Text

The CSS property to change the color of the text to Hex 1DFF74 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 #1DFF74 looks like.

```
.text, #text, p{  
    color:#1DFF74  
}
```

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 #1DFF74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1DFF74
}
```

Border

The CSS property to change the border of an element to Hex 1DFF74 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
#1DFF74 }
```

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

```
.border{ border-color:#1DFF74 }
```

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

Here you see how a box with a 4 pixel #1DFF74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1DFF74; -webkit-box-shadow:4px 4px  
4px 4px #1DFF74; box-shadow:4px 4px 4px  
4px #1DFF74 }
```

Background

The CSS property to change the background color of an element to Hex 1DFF74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1DFF74 }
```

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

```
.background{ background-color:#1DFF74 }
```

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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