

# Converting Colors

Hex(1DFD69)

Have a look what the booklet for  
Hex(1DFD69) contains.

<b>Hex(1DFD69)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(1DFD69)

# Conversions

## Conversions Part 1

Format	Color
Hex	1DFD69
RGB	29, 253, 105
RGB Percent	11%, 99%, 41%
CMY	0.8863, 0.0078, 0.5882
CMYK	0.89, 0.00, 0.58, 0.01
HSL	140°, 98%, 55%
HSV	140°, 89%, 99%
XYZ	38.1818, 71.5317, 25.1592
YIQ	169.1520, -85.9960, -93.5160

# Conversions

## Conversions Part 2

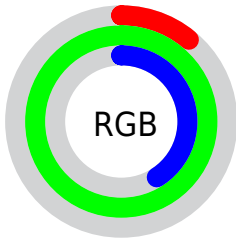
Format	Color
<b>R<sub>YB</sub></b>	29, 196, 253
Decimal	1965417
CIE <sub>Lab</sub>	87.74, -78.24, 56.14
CIE <sub>LCh</sub>	88, 96.295, 144.339
Yxy	71.5317, 0.2831, 0.5304
Android (android.graphics.Color)	4280155497 (0xFF1DFD69)
YUV	169.1520, -31.6269, -122.9133
Hunter-Lab	84.5764, -67.4254, 41.5663

# Details

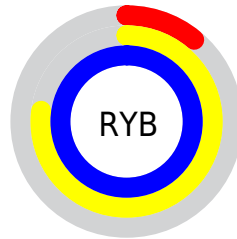
The Hex color **1DFD69** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed spring green. A complement of this color would be **FD1DB1**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **7AFFA0**, and **00C332** is the 20% darker color. If you saturate the color by 10%, you get **04FD58**, and if you desaturate by 10%, it is **36FD7A**.

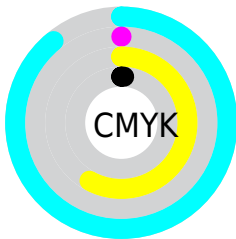
# Distribution



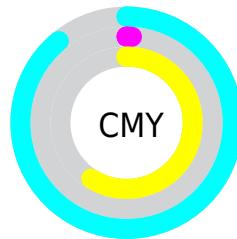
- Red (11%)
- Green (99%)
- Blue (41%)



- Red (11%)
- Yellow (77%)
- Blue (99%)



- Cyan (89%)
- Magenta (0%)
- Yellow (58%)
- Black (1%)



- Cyan (89%)
- Magenta (1%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1DFD69 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 1DFD69 by changing the saturation by 10% instead.



 1DFD69

 1DFD69

FFFFFF

 00E04E

 7AFFA0

 00C332

 9CFFBC

 00A60F

 BDFFD9

 008B00

 DDFFF6

 006F00

 FDFFFF

 005500

 003D00

 002200

 000000

 1DFD69

 1DFD69

 04FD58

 36FD7A

 00FD56

 50FD8A

 69FD9B

 82FDAC

 9CFDBD

 B5FDCCD

 CEFDDE

 E7FDEF

FFFDFF

# Harmonies

## Analogous

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



BEED00



1DFD69



00FFC7

# Triad

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



1DFD69



00ECFF



FF8496

# Complementary

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



1DFD69



FD1DB1

# 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.



FF7CF1



1DFD69



B4CBFF

# Square

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



1DFD69



00FFFF



FF9FFF



FFAB42

# Rectangle

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



1DFD69



00FFFF



FF9FFF



FF7BB4

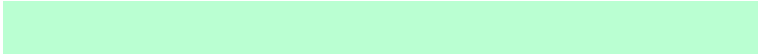


# Sweetspot

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



1DFD69



BAFFD2



B2FD1D



578065



000000



808080



# Same Dimension

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



1DFD69



00FF57



1DFDD8



738077



00BF41



004016



# Inverse Universe

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



FD1DB1



FF00A8



FD1D42



80737B



BF007E

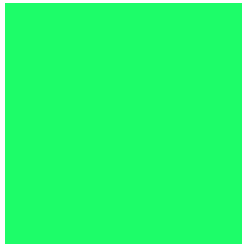


40002A



# Previews

## White Background



This preview shows how the Hex color 1DFD69 looks on a white background.

## Color Contrast Check

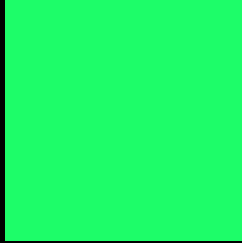
Large Text (above 18pt) WCAG AA × Fail

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 1DFD69 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 1DFD69 Background



This preview shows how black text looks on a background with the Hex color 1DFD69.

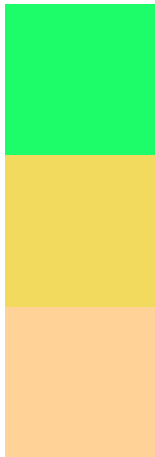


This preview shows how white text looks on a background with the Hex color 1DFD69.

# 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](#).

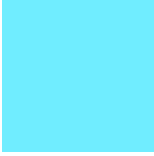
## Dichromacy



**Original Color**  
1DFD69

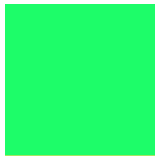
**Protanopia**  
F2DA5E

**Deuteranopia**  
FFD297



**Tritanopia**  
70EDFF

# Trichromacy



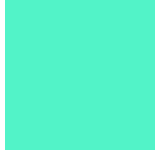
**Original Color**  
1DFD69



**Protanomaly**  
A5E762



**Deuteranomaly**  
ADE286



**Tritanomaly**  
52F3C8

# Monochromacy



**Original Color**  
1DFD69



**Achromatopsia**  
A9A9A9



**Achromatomaly**  
76C892

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1DFD69 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 #1DFD69 looks like.

```
.text, #text, p{  
    color:#1DFD69  
}
```

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 #1DFD69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1DFD69
}
```

## Border

The CSS property to change the border of an element to Hex 1DFD69 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
#1DFD69 }
```

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

```
.border{ border-color:#1DFD69 }
```

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

Here you see how a box with a 4 pixel #1DFD69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1DFD69; -webkit-box-shadow:4px 4px  
4px 4px #1DFD69; box-shadow:4px 4px 4px  
4px #1DFD69 }
```

# Background

The CSS property to change the background color of an element to Hex 1DFD69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1DFD69 }
```

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

```
.background{ background-color:#1DFD69 }
```

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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