

# Converting Colors

Hex(D5FC69)

Have a look what the booklet for  
Hex(D5FC69) contains.

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# **Color**

**Hex(D5FC69)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D5FC69
RGB	213, 252, 105
RGB Percent	84%, 99%, 41%
CMY	0.1647, 0.0118, 0.5882
CMYK	0.15, 0.00, 0.58, 0.01
HSL	76°, 96%, 70%
HSV	76°, 58%, 99%
XYZ	64.8008, 84.7869, 26.3147
YIQ	223.5810, 23.9430, -53.9850

# Conversions

## Conversions Part 2

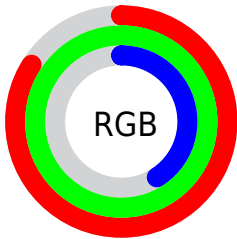
Format	Color
<b>RYB</b>	105, 252, 144
Decimal	14023785
CIELab	93.79, -33.17, 64.72
CIElCh	94, 72.723, 117.139
Yxy	84.7869, 0.3684, 0.4820
Android (android.graphics.Color)	4292213865 (0xFFD5FC69)
YUV	223.5810, -58.4604, -9.2795
Hunter-Lab	92.0798, -35.5210, 47.5118

# Details

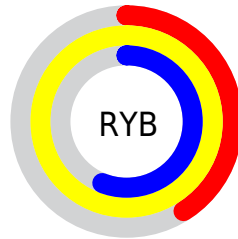
The Hex color **D5FC69** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **9069FC**, and the grayscale version is **E0E0E0**.

A 20% lighter version of the original color is **FFFA1**, and **9BC330** is the 20% darker color. If you saturate the color by 10%, you get **CEFC50**, and if you desaturate by 10%, it is **DCFC82**.

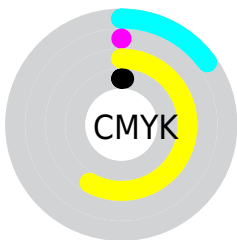
# Distribution



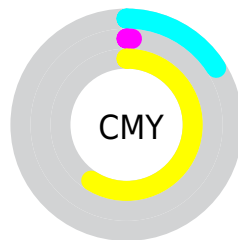
- Red (84%)
- Green (99%)
- Blue (41%)



- Red (41%)
- Yellow (99%)
- Blue (56%)



- Cyan (15%)
- Magenta (0%)
- Yellow (58%)
- Black (1%)



- Cyan (16%)
- Magenta (1%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D5FC69 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 D5FC69 by changing the saturation by 10% instead.



 D5FC69

FFFFFF

 FFFFA1

 FFFFBD

 FFFFDA

 FFFFF7

 D5FC69

 B8DF4D

 9BC330

 7FA806

 638D00

 487400

 2C5B00

 0B4300

 002C00

 001600

 D5FC69

 D5FC69

 CEFC50

 DCFC82

 C8FC37

 E2FC9B

 C1FC1D

 E9FCB5

 BAFC04

 F0FCCE

 B9FC00

 F6FCE7

 FDFCFF

 FFFCFF

# Harmonies

## Analogous

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



FFE75A



D5FC69



7AFF9E

# Triad

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



D5FC69



00FFFF



FFB0F7

# Complementary

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



D5FC69



9069FC

# 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.



FFC1FF



D5FC69



30F7FF

# Square

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



D5FC69



00FFFF



E5DDFF



FFB6B1

# Rectangle

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



D5FC69



00FFCC



E5DDFF



FFB3FF

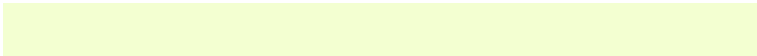


# Sweetspot

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



D5FC69



F3FFD1



FC8E69



788063



000000



808080



# Same Dimension

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



D5FC69



D0FF4D



8EFC69



7A7D70



8BBD00



2D3D00



# Inverse Universe

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



9069FC



7C4DFF



D769FC



74707D



3200BD

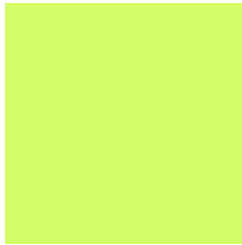


10003D



# Previews

## White Background



This preview shows how the Hex color D5FC69 looks on a white background.

## Color Contrast Check

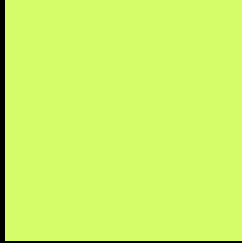
Large Text (above 18pt) WCAG AA × Fail

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 D5FC69 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 D5FC69 Background



This preview shows how black text looks on a background with the Hex color D5FC69.

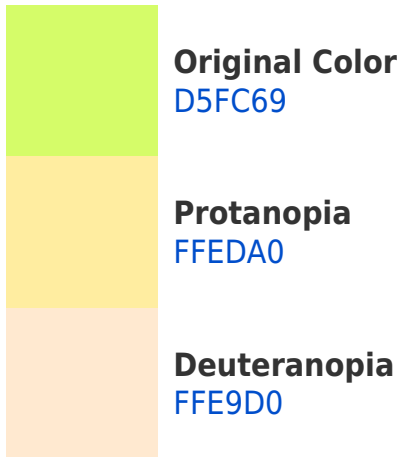


This preview shows how white text looks on a background with the Hex color D5FC69.

# Color Blindness Simulation

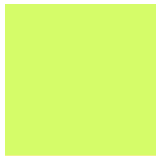
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

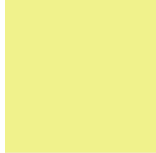




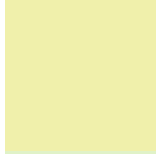
# Trichromacy



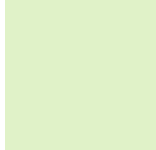
**Original Color**  
D5FC69



**Protanomaly**  
F0F28C



**Deuteranomaly**  
F0F0AB

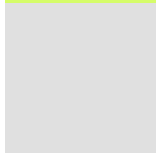


**Tritanomaly**  
E0F2C8

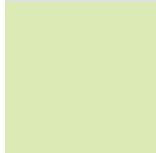
# Monochromacy



**Original Color**  
D5FC69



**Achromatopsia**  
E0E0E0



**Achromatomaly**  
DCEAB5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D5FC69 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 #D5FC69 looks like.

```
.text, #text, p{  
    color:#D5FC69  
}
```

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 #D5FC69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5FC69
}
```

## Border

The CSS property to change the border of an element to Hex D5FC69 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
#D5FC69 }
```

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

```
.border{ border-color:#D5FC69 }
```

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

Here you see how a box with a 4 pixel #D5FC69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5FC69; -webkit-box-shadow:4px 4px  
4px 4px #D5FC69; box-shadow:4px 4px 4px  
4px #D5FC69 }
```

# Background

The CSS property to change the background color of an element to Hex D5FC69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5FC69 }
```

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

```
.background{ background-color:#D5FC69 }
```

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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