

# Converting Colors

Hex(D8FF44)

Have a look what the booklet for  
Hex(D8FF44) contains.

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**Color**

**Hex(D8FF44)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D8FF44
RGB	216, 255, 68
RGB Percent	85%, 100%, 27%
CMY	0.1529, 0.0000, 0.7333
CMYK	0.15, 0.00, 0.73, 0.00
HSL	73°, 100%, 63%
HSV	73°, 73%, 100%
XYZ	65.1223, 86.5363, 18.7397
YIQ	222.0210, 36.7830, -66.4250

# Conversions

## Conversions Part 2

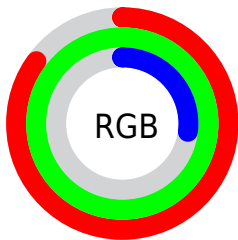
<b>Format</b>	<b>Color</b>
<b>RYB</b>	68, 255, 107
Decimal	14221124
CIELab	94.54, -35.68, 79.34
CIElCh	95, 86.992, 114.213
Yxy	86.5363, 0.3822, 0.5078
Android (android.graphics.Color)	4292411204 (0xFFD8FF44)
YUV	222.0210, -75.9324, -5.2804
Hunter-Lab	93.0249, -37.8342, 53.1735

# Details

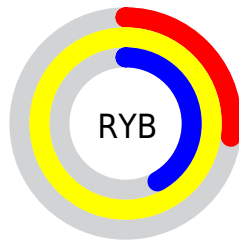
The Hex color **D8FF44** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **6B44FF**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **FFFF80**, and **9DC600** is the 20% darker color. If you saturate the color by 10%, you get **D3FF2A**, and if you desaturate by 10%, it is **DDFF5D**.

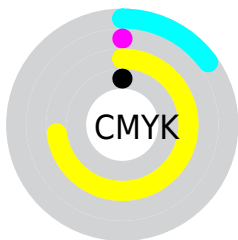
# Distribution



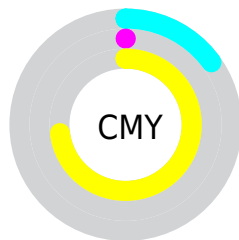
- Red (85%)
- Green (100%)
- Blue (27%)



- Red (27%)
- Yellow (100%)
- Blue (42%)



- Cyan (15%)
- Magenta (0%)
- Yellow (73%)
- Black (0%)



- Cyan (15%)
- Magenta (0%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D8FF44 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 D8FF44 by changing the saturation by 10% instead.



 D8FF44

 D8FF44

FFFFFF

 BAE21E

 FFFF80

 9DC600

 FFFF9D

 80AB00

 FFFFBA

 639000

 FFFF80

 477600

 FFFFF6

 295D00

 024500

 002E00

 001900

 D8FF44

 D8FF44

 D3FF2A

 D8FF5D

 CDFF11

 E3FF77

 CAFF00

 E8FF91

 EDFFAA

 F3FFC3

 F8FFDD

 FDFFF6

FFFFFF

# Harmonies

## Analogous

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



FFE634



D8FF44



66FF87

# Triad

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



D8FF44



00FFFF



FFA0FF

# Complementary

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



D8FF44



6B44FF

# 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.



FFBBFF



D8FF44



00FEFF

# Square

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



D8FF44



00FFFF



D2E0FF



FFA6AF

# Rectangle

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



D8FF44



00FFBF



D2E0FF



FFA6FF

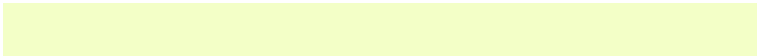


# Sweetspot

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



D8FF44



F3FFC7



FF6944



79805E



000000



808080



# Same Dimension

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



D8FF44



D0FF1F



7CFF44



7D8073



97BF00



324000



# Inverse Universe

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



6B44FF



4D1FFF



C744FF



757380



2800BF

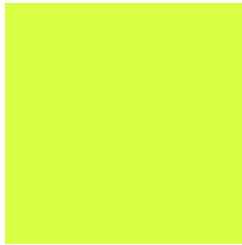


0D0040



# Previews

## White Background



This preview shows how the Hex color D8FF44 looks on a white background.

## Color Contrast Check

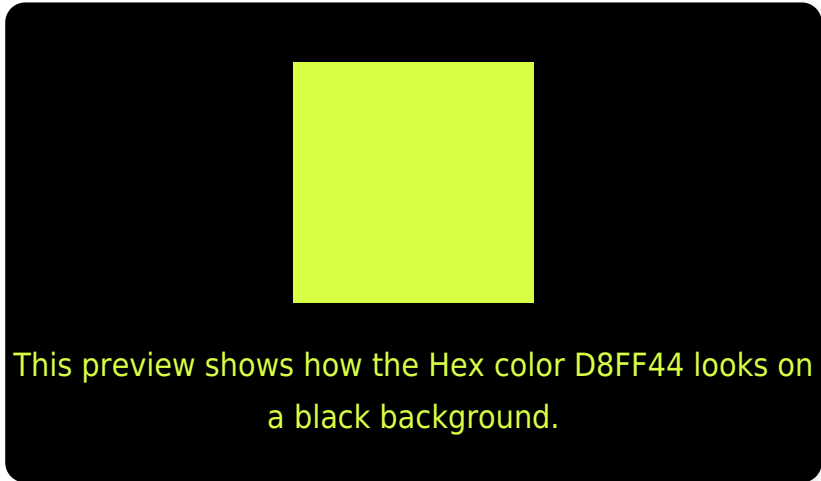
Large Text (above 18pt) WCAG AA × Fail

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 D8FF44 Background



This preview shows how black text looks on a background with the Hex color D8FF44.

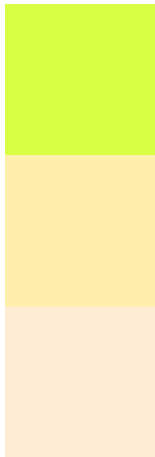


This preview shows how white text looks on a background with the Hex color D8FF44.

# 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



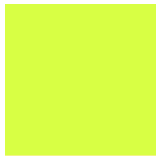
**Original Color**  
D8FF44

**Protanopia**  
FFEFAF

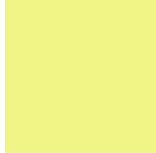
**Deuteranopia**  
FFECD5



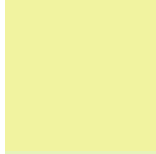
# Trichromacy



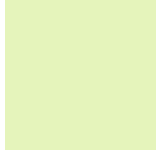
**Original Color**  
D8FF44



**Protanomaly**  
F1F586

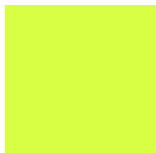


**Deuteranomaly**  
F1F3A0

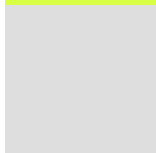


**Tritanomaly**  
E5F4BB

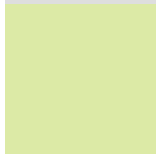
# Monochromacy



**Original Color**  
D8FF44



**Achromatopsia**  
DEDEDE



**Achromatomaly**  
DCEAA6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D8FF44 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 #D8FF44 looks like.

```
.text, #text, p{  
    color:#D8FF44  
}
```

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 #D8FF44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D8FF44
}
```

## Border

The CSS property to change the border of an element to Hex D8FF44 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
#D8FF44 }
```

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

```
.border{ border-color:#D8FF44 }
```

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

Here you see how a box with a 4 pixel #D8FF44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D8FF44; -webkit-box-shadow:4px 4px  
4px 4px #D8FF44; box-shadow:4px 4px 4px  
4px #D8FF44 }
```

# Background

The CSS property to change the background color of an element to Hex D8FF44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D8FF44 }
```

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

```
.background{ background-color:#D8FF44 }
```

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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