

Converting Colors

Hex(DFFF33)

Have a look what the booklet for
Hex(DFFF33) contains.

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Color

Hex(DFFF33)

Conversions

Conversions Part 1

Format	Color
Hex	DFFF33
RGB	223, 255, 51
RGB Percent	87%, 100%, 20%
CMY	0.1255, 0.0000, 0.8000
CMYK	0.13, 0.00, 0.80, 0.00
HSL	69°, 100%, 60%
HSV	69°, 80%, 100%
XYZ	66.7890, 87.4470, 16.4908
YIQ	222.1760, 46.4120, -70.2280

Conversions

Conversions Part 2

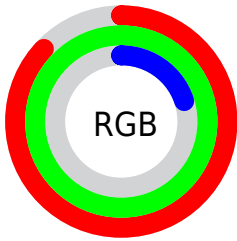
Format	Color
RYB	51, 255, 83
Decimal	14679859
CIELab	94.93, -33.62, 84.65
CIELCh	95, 91.077, 111.659
Yxy	87.4470, 0.3912, 0.5122
Android (android.graphics.Color)	4292869939 (0xFFDFFF33)
YUV	222.1760, -84.3898, 0.7226
Hunter-Lab	93.5131, -36.1596, 55.0035

Details

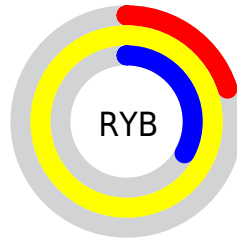
The Hex color **DFFF33** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **5333FF**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **FFFF74**, and **A3C600** is the 20% darker color. If you saturate the color by 10%, you get **DBFF19**, and if you desaturate by 10%, it is **E3FF4D**.

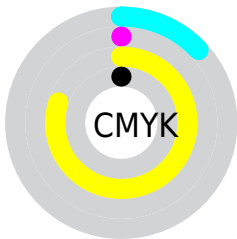
Distribution



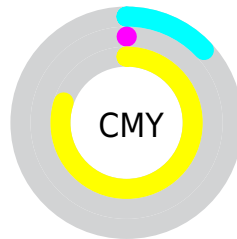
- Red (87%)
- Green (100%)
- Blue (20%)



- Red (20%)
- Yellow (100%)
- Blue (33%)



- Cyan (13%)
- Magenta (0%)
- Yellow (80%)
- Black (0%)



- Cyan (13%)
- Magenta (0%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color DFFF33 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 DFFF33 by changing the saturation by 10% instead.

 DFFF33

 DFFF33

FFFFFF

 C1E200

 FFFF74

 A3C600

 FFFF91

 86AB00

 FFFFAF

 699000

 FFFFCD

 4C7700

 FFFFEB

 2F5E00

 0E4600

 002F00

 001A00

 DFFF33

 DFFF33

 DBFF19

 E3FF4D

 D7FF00

 E7FF66

 EBFF80

 EFFF99

 F3FFB3

 F7FFCC

 FBFFE6

FFFFFF

Harmonies

Analogous

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



FFE427



DFFF33



6BFF7C

Triad

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



DFFF33



00FFFF



FF9DFF

Complementary

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



DFFF33



5333FF

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.



FFBCFF



DFFF33



00FFFF

Square

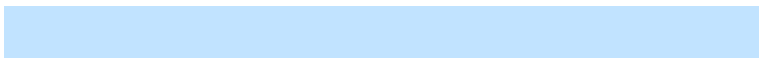
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DFFF33



00FFFF



C1E3FF



FFA0B5

Rectangle

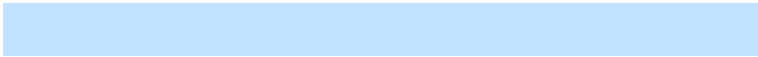
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DFFF33



00FFB6



C1E3FF



FFA5FF

Sweetspot

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



DFFF33



F5FFC2



FF5233



7A805B



000000



808080

Same Dimension

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



DFFF33



D9FF0A



7AFF33



7E8073



A1BF00



364000

Inverse Universe

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



5333FF



310AFF



B833FF



757380



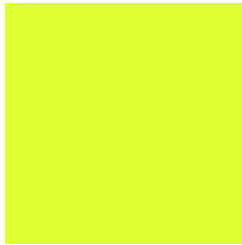
1E00BF



0A0040

Previews

White Background



This preview shows how the Hex color DFFF33 looks on a white background.

Color Contrast Check

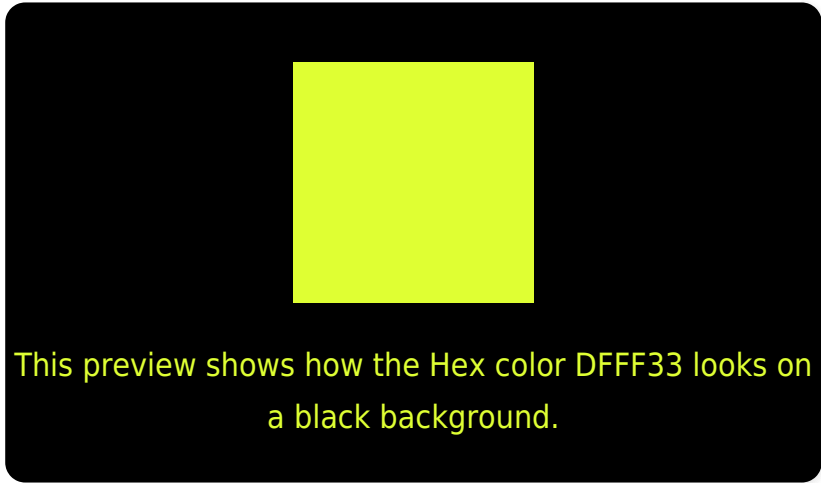
Large Text (above 18pt) WCAG AA × Fail

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 DFFF33 Background



This preview shows how black text looks on a background with the Hex color DFFF33.

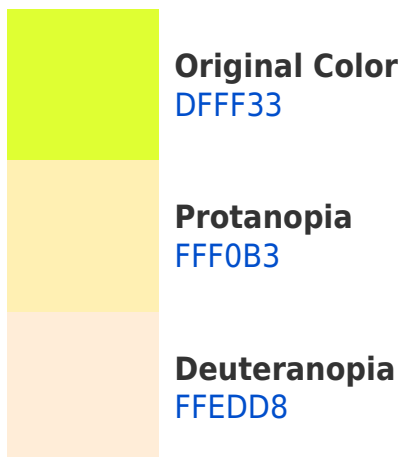


This preview shows how white text looks on a background with the Hex color DFFF33.

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



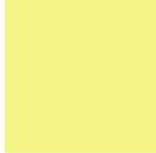


Tritanopia
F2EEFF

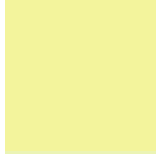
Trichromacy



Original Color
DFFF33



Protanomaly
F3F584

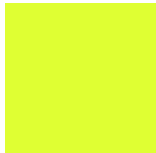


Deuteranomaly
F3F49C

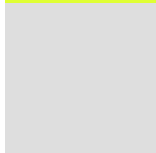


Tritanomaly
EBF4B5

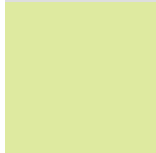
Monochromacy



Original Color
DFFF33



Achromatopsia
DEDEDE



Achromatomaly
DEEAA0

CSS Examples

Text

The CSS property to change the color of the text to Hex DFFF33 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 #DFFF33 looks like.

```
.text, #text, p{  
    color:#DFFF33  
}
```

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 #DFFF33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DFFF33
}
```

Border

The CSS property to change the border of an element to Hex DFFF33 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
#DFFF33 }
```

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

```
.border{ border-color:#DFFF33 }
```

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

Here you see how a box with a 4 pixel #DFFF33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DFFF33; -webkit-box-shadow:4px 4px  
4px 4px #DFFF33; box-shadow:4px 4px 4px  
4px #DFFF33 }
```

Background

The CSS property to change the background color of an element to Hex DFFF33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DFFF33 }
```

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

```
.background{ background-color:#DFFF33 }
```

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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