

Converting Colors

Hex(D4FF00)

Have a look what the booklet for
Hex(D4FF00) contains.

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Color

Hex(D4FF00)

Conversions

Conversions Part 1

Format	Color
Hex	D4FF00
RGB	212, 255, 0
RGB Percent	83%, 100%, 0%
CMY	0.1686, 0.0000, 1.0000
CMYK	0.17, 0.00, 1.00, 0.00
HSL	70°, 100%, 50%
HSV	70°, 100%, 100%
XYZ	62.9114, 85.5170, 13.1907
YIQ	213.0730, 56.2270, -88.4210

Conversions

Conversions Part 2

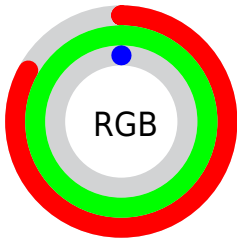
Format	Color
RYB	0, 255, 43
Decimal	13958912
CIELab	94.11, -38.85, 90.88
CIElCh	94, 98.830, 113.145
Yxy	85.5170, 0.3893, 0.5291
Android (android.graphics.Color)	4292148992 (0xFFD4FF00)
YUV	213.0730, -105.0450, -0.9410
Hunter-Lab	92.4754, -40.3978, 56.2757

Details

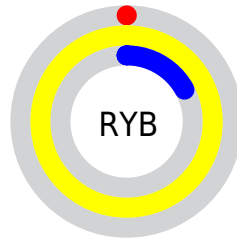
The Hex color **D4FF00** is a light color, and the websafe version is hex **CCFF00**. The color can be described as light saturated yellow. A complement of this color would be **2B00FF**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **FFFF5F**, and **98C600** is the 20% darker color. If you saturate the color by 10%, you get **D4FF00**, and if you desaturate by 10%, it is **D8FF19**.

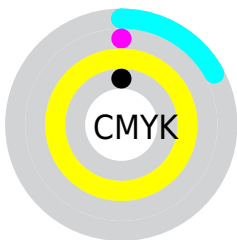
Distribution



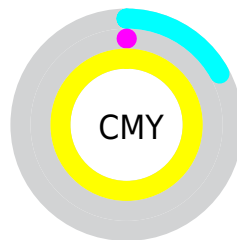
- Red (83%)
- Green (100%)
- Blue (0%)



- Red (0%)
- Yellow (100%)
- Blue (17%)



- Cyan (17%)
- Magenta (0%)
- Yellow (100%)
- Black (0%)



- Cyan (17%)
- Magenta (0%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color D4FF00 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 D4FF00 by changing the saturation by 10% instead.

 D4FF00

 D4FF00

FFFFFF

 B6E200

 FFFF5F

 98C600

 FFFF7E

 7AAB00

 FFFF9C

 5D9000

 FFFFBB

 3F7600

 FFFFD9

 1E5D00

 FFFFF7

 004500

 002E00

 001700

 D4FF00

 D8FF19

 DDFF33

 E1FF4D

 E5FF66

 EAFF80

 EEFF99

 F2FFB3

 F6FFCC

 FBFFE6

Harmonies

Analogous

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



FFE200



D4FF00



45FF73

Triad

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



D4FF00



00FFFF



FF8DFF

Complementary

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



D4FF00



2B00FF

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.



FFB1FF



D4FF00



00FFFF

Square

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



D4FF00



00FFFF



BFDEFF



FF93A9

Rectangle

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



D4FF00



00FFB3



BFDEFF



FF96FF

Sweetspot

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



D4FF00



F2FFB3



FF2A00



788052



000000



808080

Same Dimension

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



D4FF00



55FF00



7D8073



9FBF00



354000

Inverse Universe

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



2B00FF



AA00FF



757380



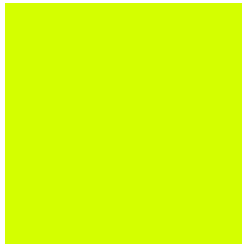
2000BF



0B0040

Previews

White Background



This preview shows how the Hex color D4FF00 looks on a white background.

Color Contrast Check

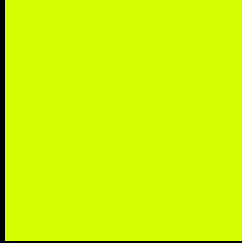
Large Text (above 18pt) WCAG AA × Fail

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 D4FF00 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 D4FF00 Background



This preview shows how black text looks on a background with the Hex color D4FF00.



This preview shows how white text looks on a background with the Hex color D4FF00.

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](#).

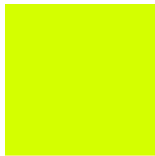
Dichromacy



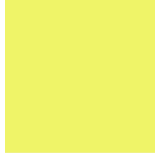


Tritanopia
E9EDFF

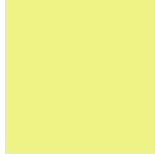
Trichromacy



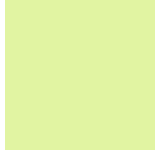
Original Color
D4FF00



Protanomaly
EFF468



Deuteranomaly
EFF284

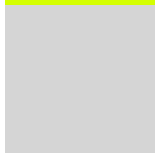


Tritanomaly
E1F4A2

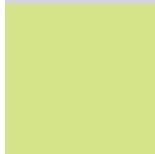
Monochromacy



Original Color
D4FF00



Achromatopsia
D5D5D5



Achromatomaly
D5E488

CSS Examples

Text

The CSS property to change the color of the text to Hex D4FF00 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 #D4FF00 looks like.

```
.text, #text, p{  
    color:#D4FF00  
}
```

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 #D4FF00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D4FF00
}
```

Border

The CSS property to change the border of an element to Hex D4FF00 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
#D4FF00 }
```

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

```
.border{ border-color:#D4FF00 }
```

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

Here you see how a box with a 4 pixel #D4FF00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D4FF00; -webkit-box-shadow:4px 4px  
4px 4px #D4FF00; box-shadow:4px 4px 4px  
4px #D4FF00 }
```

Background

The CSS property to change the background color of an element to Hex D4FF00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D4FF00 }
```

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

```
.background{ background-color:#D4FF00 }
```

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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