

# Converting Colors

Hex(D9FF00)

Have a look what the booklet for  
Hex(D9FF00) contains.

|  |    |
|--|----|
| <b>Hex(D9FF00)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 21 |
| <b><i>Color Blindness Simulation</i></b> ..... | 24 |
| <b><i>CSS Examples</i></b> .....               | 27 |

**Color**

**Hex(D9FF00)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | D9FF00                      |
| RGB         | 217, 255, 0                 |
| RGB Percent | 85%, 100%, 0%               |
| CMY         | 0.1490, 0.0000, 1.0000      |
| CMYK        | 0.15, 0.00, 1.00, 0.00      |
| HSL         | 69°, 100%, 50%              |
| HSV         | 69°, 100%, 100%             |
| XYZ         | 64.3753, 86.2717, 13.2592   |
| YIQ         | 214.5680, 59.2070, -87.3610 |

# Conversions

## Conversions Part 2

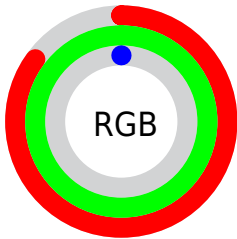
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 0, 255, 38                     |
| Decimal                             | 14286592                       |
| CIELab                              | 94.43, -36.88, 91.26           |
| CIELCh                              | 94, 98.433, 112.007            |
| Yxy                                 | 86.2717, 0.3928,<br>0.5263     |
| Android<br>(android.graphics.Color) | 4292476672<br>(0xFFD9FF00)     |
| YUV                                 | 214.5680, -105.7820,<br>2.1329 |
| Hunter-Lab                          | 92.8826, -38.8293,<br>56.5540  |

# Details

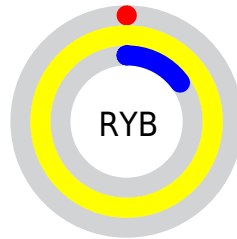
The Hex color **D9FF00** is a light color, and the websafe version is hex **CCFF00**. The color can be described as light saturated yellow. A complement of this color would be **2600FF**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFF5F**, and **9DC600** is the 20% darker color. If you saturate the color by 10%, you get **D9FF00**, and if you desaturate by 10%, it is **DDFF19**.

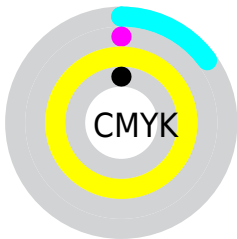
# Distribution



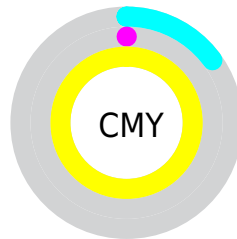
- Red (85%)
- Green (100%)
- Blue (0%)



- Red (0%)
- Yellow (100%)
- Blue (15%)



- Cyan (15%)
- Magenta (0%)
- Yellow (100%)
- Black (0%)



- Cyan (15%)
- Magenta (0%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D9FF00 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 D9FF00 by changing the saturation by 10% instead.



 D9FF00

 D9FF00

FFFFFF

 BBE200

 FFFF5F

 9DC600

 FFFF7E

 7FAB00

 FFFF9D

 629000

 FFFFBB

 447700

 FFFFD9

 255E00

 FFFFF7

 004500

 002F00

 001800

 D9FF00

 DDFF19

 E1FF33

 E4FF4D

 E8FF66

 ECFF80

 F0FF99

 F4FFB3

 F7FFCC

 FBFEE6

# Harmonies

## Analogous

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



FFE200



D9FF00



52FF71

# Triad

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



D9FF00



00FFFF



FF90FF

# Complementary

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



D9FF00



2600FF

# 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.



FFB4FF



D9FF00



00FFFF

# Square

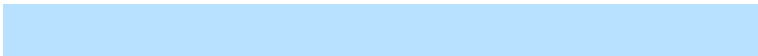
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D9FF00



00FFFF



B8E1FF



FF94AE

# Rectangle

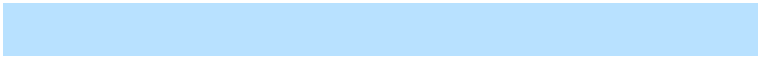
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D9FF00



00FFB0



B8E1FF



FF99FF

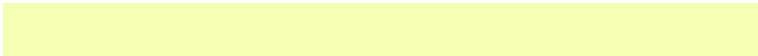


# Sweetspot

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



D9FF00



F4FFB3



FF2200



798052



000000



808080



# Same Dimension

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



D9FF00



5EFF00



7E8073



A3BF00



364000

# Inverse Universe

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



2600FF



A200FF



757380



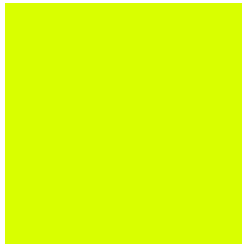
1C00BF



090040

# Previews

## White Background



This preview shows how the Hex color D9FF00 looks on a white background.

## Color Contrast Check

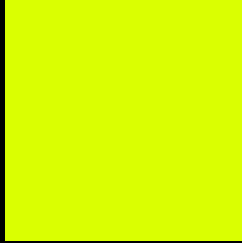
Large Text (above 18pt) WCAG AA × Fail

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 D9FF00 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 D9FF00 Background



This preview shows how black text looks on a background with the Hex color D9FF00.



This preview shows how white text looks on a background with the Hex color D9FF00.

# 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**  
D9FF00

**Protanopia**  
FFEFAA

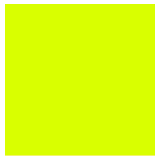
**Deuteranopia**  
FFECD3



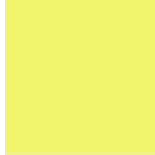


**Tritanopia**  
EDEDFF

# Trichromacy



**Original Color**  
D9FF00



**Protanomaly**  
F1F56C

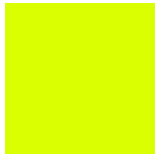


**Deuteranomaly**  
F1F386



**Tritanomaly**  
E6F4A2

# Monochromacy



**Original Color**  
D9FF00



**Achromatopsia**  
D7D7D7



**Achromatomaly**  
D8E689

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D9FF00 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 #D9FF00 looks like.

```
.text, #text, p{  
    color:#D9FF00  
}
```

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 #D9FF00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9FF00
}
```

## Border

The CSS property to change the border of an element to Hex D9FF00 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
#D9FF00 }
```

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

```
.border{ border-color:#D9FF00 }
```

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

Here you see how a box with a 4 pixel #D9FF00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9FF00; -webkit-box-shadow:4px 4px  
4px 4px #D9FF00; box-shadow:4px 4px 4px  
4px #D9FF00 }
```

# Background

The CSS property to change the background color of an element to Hex D9FF00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9FF00 }
```

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

```
.background{ background-color:#D9FF00 }
```

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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