

Converting Colors

Hex(D2FF67)

Have a look what the booklet for
Hex(D2FF67) contains.

Hex(D2FF67)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D2FF67)

Conversions

Conversions Part 1

Format	Color
Hex	D2FF67
RGB	210, 255, 103
RGB Percent	82%, 100%, 40%
CMY	0.1765, 0.0000, 0.5961
CMYK	0.18, 0.00, 0.60, 0.00
HSL	78°, 100%, 70%
HSV	78°, 60%, 100%
XYZ	64.7865, 86.2009, 26.0558
YIQ	224.2170, 21.9720, -56.8120

Conversions

Conversions Part 2

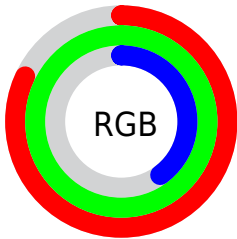
Format	Color
RYB	103, 255, 148
Decimal	13827943
CIELab	94.40, -35.82, 66.17
CIElCh	94, 75.247, 118.428
Yxy	86.2009, 0.3659, 0.4869
Android (android.graphics.Color)	4292018023 (0xFFD2FF67)
YUV	224.2170, -59.7600, -12.4683
Hunter-Lab	92.8444, -37.9211, 48.3520

Details

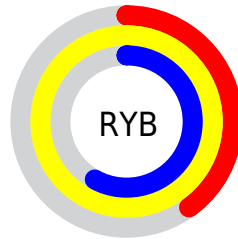
The Hex color **D2FF67** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **9467FF**, and the grayscale version is **E1E1E1**.

A 20% lighter version of the original color is **FFFF9F**, and **98C62D** is the 20% darker color. If you saturate the color by 10%, you get **CAFF4E**, and if you desaturate by 10%, it is **DAFF81**.

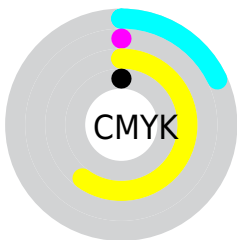
Distribution



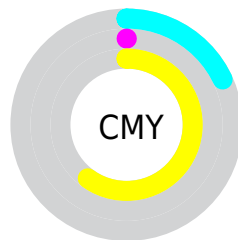
- Red (82%)
- Green (100%)
- Blue (40%)



- Red (40%)
- Yellow (100%)
- Blue (58%)



- Cyan (18%)
- Magenta (0%)
- Yellow (60%)
- Black (0%)



- Cyan (18%)
- Magenta (0%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color D2FF67 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 D2FF67 by changing the saturation by 10% instead.

 D2FF67

FFFFFF

 FFFF9F

 FFFFBB

 FFFFD8

 FFFFF6

 D2FF67

 B5E24B

 98C62D

 7CAB00

 609000

 447600

 285D00

 014500

 002E00

 001800

 D2FF67

 D2FF67

 CAFF4E

 DAFF81

 C3FF34

 E1FF9A

 BBFF1A

 E9FFB3

 B4FF01

 F0FFCD

 B4FF00

 F8FFE7

FFFFFF

Harmonies

Analogous

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



FFEA55



D2FF67



70FF9F

Triad

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



D2FF67



00FFFF



FFAEF6

Complementary

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



D2FF67



9467FF

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.



FFC0FF



D2FF67



2CF8FF

Square

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



D2FF67



00FFFF



EBDDFF



FFB5AE

Rectangle

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



D2FF67



00FFCF



EBDDFF



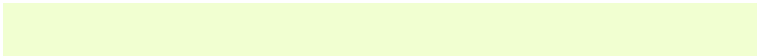
FFB2FF

Sweetspot

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



D2FF67



F1FFD1



FF9267



778063



000000



808080

Same Dimension

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



D2FF67



C9FF47



88FF67



7C8073



87BF00



2D4000

Inverse Universe

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



9467FF



7E47FF



DE67FF



777380



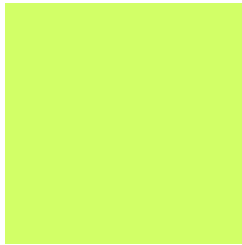
3900BF



130040

Previews

White Background



This preview shows how the Hex color D2FF67 looks on a white background.

Color Contrast Check

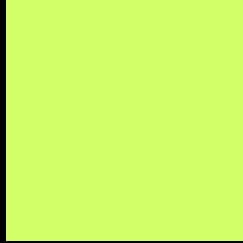
Large Text (above 18pt) WCAG AA × Fail

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 D2FF67 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

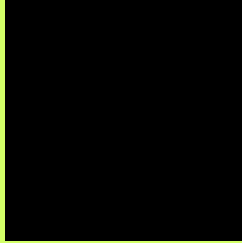
Any Text WCAG AA ✓ Pass

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 D2FF67 Background



This preview shows how black text looks on a background with the Hex color D2FF67.

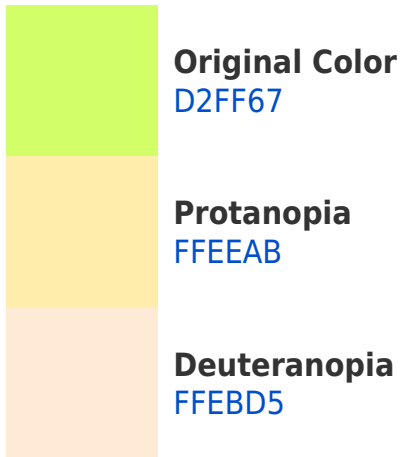


This preview shows how white text looks on a background with the Hex color D2FF67.

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](#).

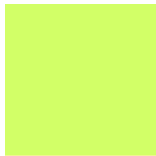
Dichromacy





Tritanopia
E6EFFF

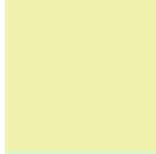
Trichromacy



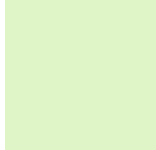
Original Color
D2FF67



Protanomaly
EFF492



Deuteranomaly
EFF2AD

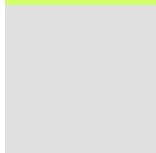


Tritanomaly
DFF5C8

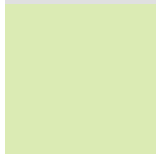
Monochromacy



Original Color
D2FF67



Achromatopsia
E0E0E0



Achromatomaly
DBEBB4

CSS Examples

Text

The CSS property to change the color of the text to Hex D2FF67 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 #D2FF67 looks like.

```
.text, #text, p{  
    color:#D2FF67  
}
```

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 #D2FF67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2FF67
}
```

Border

The CSS property to change the border of an element to Hex D2FF67 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
#D2FF67 }
```

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

```
.border{ border-color:#D2FF67 }
```

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

Here you see how a box with a 4 pixel #D2FF67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2FF67; -webkit-box-shadow:4px 4px  
4px 4px #D2FF67; box-shadow:4px 4px 4px  
4px #D2FF67 }
```

Background

The CSS property to change the background color of an element to Hex D2FF67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2FF67 }
```

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

```
.background{ background-color:#D2FF67 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor