

Converting Colors

Hex(D4FF5D)

Have a look what the booklet for
Hex(D4FF5D) contains.

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Color

Hex(D4FF5D)

Conversions

Conversions Part 1

Format	Color
Hex	D4FF5D
RGB	212, 255, 93
RGB Percent	83%, 100%, 36%
CMY	0.1686, 0.0000, 0.6353
CMYK	0.17, 0.00, 0.64, 0.00
HSL	76°, 100%, 68%
HSV	76°, 64%, 100%
XYZ	64.8872, 86.3074, 23.5950
YIQ	223.6750, 26.3740, -59.4980

Conversions

Conversions Part 2

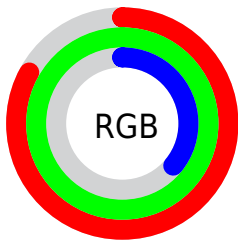
Format	Color
R _Y B	93, 255, 136
Decimal	13959005
CIE Lab	94.44, -35.79, 70.29
CIE LCh	94, 78.877, 116.983
Yxy	86.3074, 0.3712, 0.4938
Android (android.graphics.Color)	4292149085 (0xFFD4FF5D)
YUV	223.6750, -64.4228, -10.2390
Hunter-Lab	92.9018, -37.9049, 49.9729

Details

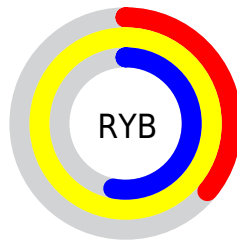
The Hex color **D4FF5D** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **885DFF**, and the grayscale version is **E0E0E0**.

A 20% lighter version of the original color is **FFFF96**, and **9AC61D** is the 20% darker color. If you saturate the color by 10%, you get **CDF43**, and if you desaturate by 10%, it is **DBFF77**.

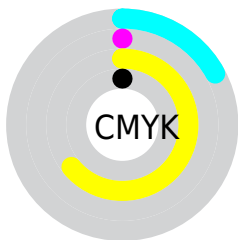
Distribution



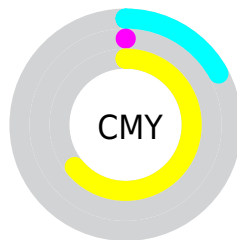
- Red (83%)
- Green (100%)
- Blue (36%)



- Red (36%)
- Yellow (100%)
- Blue (53%)



- Cyan (17%)
- Magenta (0%)
- Yellow (64%)
- Black (0%)



- Cyan (17%)
- Magenta (0%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color D4FF5D 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 D4FF5D by changing the saturation by 10% instead.

 D4FF5D

 D4FF5D

FFFFFF

 B7E240

 FFFF96

 9AC61D

 FFFFB2

 7DAB00

 FFFFCF

 619000

 FFFFFED

 457600

 285D00

 014500

 002E00

 001800

 D4FF5D

 D4FF5D

 CDFF43

 DBFF77

 C6FF2A

 E2FF90

 C0FF10

 E8FFAA

 BBFF00

 EFFF C3

 F6FFDD

 FDFFF6

FFFFFF

Harmonies

Analogous

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



FFE94B



D4FF5D



6DFF98

Triad

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



D4FF5D



00FFFF



FFAAFA

Complementary

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



D4FF5D



885DFF

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.



FFBEFF



D4FF5D



00FAFF

Square

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



D4FF5D



00FFFF



E4DEFF



FFB1AE

Rectangle

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



D4FF5D



00FFCA



E4DEFF



FFAEFF

Sweetspot

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



D4FF5D



F2FFCF



FF865D



788062



000000



808080

Same Dimension

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



D4FF5D



CCFF3D



86FF5D



7C8073



8CBF00



2F4000

Inverse Universe

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



885DFF



713DFF



D75DFF



767380



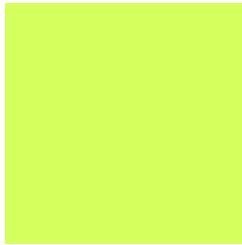
3300BF



110040

Previews

White Background



This preview shows how the Hex color D4FF5D looks on a white background.

Color Contrast Check

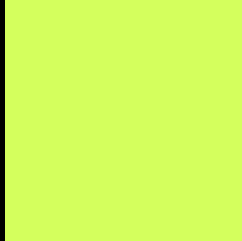
Large Text (above 18pt) WCAG AA × Fail

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 D4FF5D 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 D4FF5D Background



This preview shows how black text looks on a background with the Hex color D4FF5D.

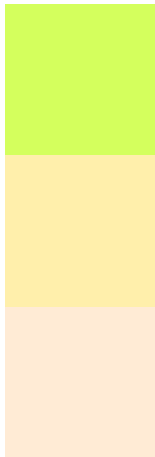


This preview shows how white text looks on a background with the Hex color D4FF5D.

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
D4FF5D

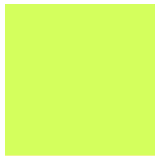
Protanopia
FFEFA8

Deuteranopia
FFE8D5

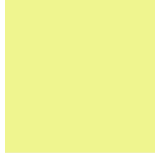


Tritanopia
E8EFFF

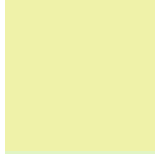
Trichromacy



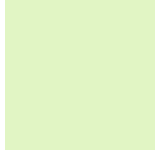
Original Color
D4FF5D



Protanomaly
EFF58F



Deuteranomaly
EFF2A9

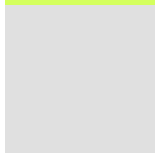


Tritanomaly
E1F5C4

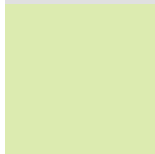
Monochromacy



Original Color
D4FF5D



Achromatopsia
E0E0E0



Achromatomaly
DCEBB0

CSS Examples

Text

The CSS property to change the color of the text to Hex D4FF5D 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 #D4FF5D looks like.

```
.text, #text, p{  
    color:#D4FF5D  
}
```

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 #D4FF5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D4FF5D
}
```

Border

The CSS property to change the border of an element to Hex D4FF5D 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
#D4FF5D }
```

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

```
.border{ border-color:#D4FF5D }
```

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

Here you see how a box with a 4 pixel #D4FF5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D4FF5D; -webkit-box-shadow:4px 4px  
4px 4px #D4FF5D; box-shadow:4px 4px 4px  
4px #D4FF5D }
```

Background

The CSS property to change the background color of an element to Hex D4FF5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D4FF5D }
```

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

```
.background{ background-color:#D4FF5D }
```

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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