

Converting Colors

Hex(D5FF66)

Have a look what the booklet for
Hex(D5FF66) contains.

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Color

Hex(D5FF66)

Conversions

Conversions Part 1

Format	Color
Hex	D5FF66
RGB	213, 255, 102
RGB Percent	84%, 100%, 40%
CMY	0.1647, 0.0000, 0.6000
CMYK	0.16, 0.00, 0.60, 0.00
HSL	76°, 100%, 70%
HSV	76°, 60%, 100%
XYZ	65.5988, 86.6254, 25.8333
YIQ	225.0000, 24.0810, -56.4870

Conversions

Conversions Part 2

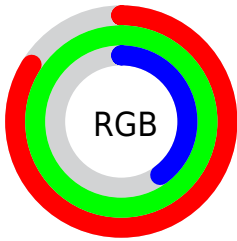
Format	Color
RYB	102, 255, 144
Decimal	14024550
CIELab	94.58, -34.77, 66.84
CIElCh	95, 75.342, 117.483
Yxy	86.6254, 0.3684, 0.4865
Android (android.graphics.Color)	4292214630 (0xFFD5FF66)
YUV	225.0000, -60.6390, -10.5240
Hunter-Lab	93.0728, -37.0684, 48.6944

Details

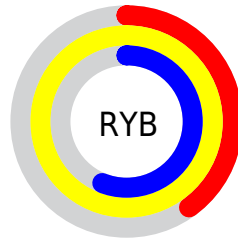
The Hex color **D5FF66** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **9066FF**, and the grayscale version is **E2E2E2**.

A 20% lighter version of the original color is **FFFF9E**, and **9BC62B** is the 20% darker color. If you saturate the color by 10%, you get **CEFF4D**, and if you desaturate by 10%, it is **DCFF80**.

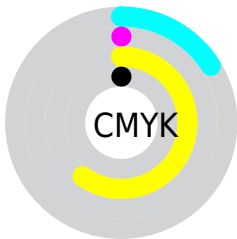
Distribution



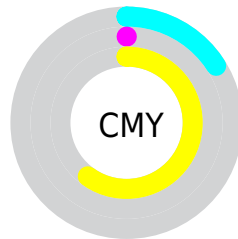
- Red (84%)
- Green (100%)
- Blue (40%)



- Red (40%)
- Yellow (100%)
- Blue (56%)



- Cyan (16%)
- Magenta (0%)
- Yellow (60%)
- Black (0%)



- Cyan (16%)
- Magenta (0%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color D5FF66 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 D5FF66 by changing the saturation by 10% instead.

 D5FF66

FFFFFF

 FFFF9E

 FFFFBA

 FFFFD7

 FFFFF5

 D5FF66

 B8E24A

 9BC62B

 7FAB00

 639000

 477600

 2B5D00

 074500

 002E00

 001900

 D5FF66

 D5FF66

 CEFF4D

 DCFF80

 C7FF33

 E3FF99

 C0FF19

 EAFFB3

 B9FF00

 F1FFCC

 F8FFE6

FFFFFF

Harmonies

Analogous

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



FFEA55



D5FF66



74FF9E

Triad

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



D5FF66



00FFFF



FFAFF9

Complementary

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



D5FF66



9066FF

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.



FFC1FF



D5FF66



10F9FF

Square

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



D5FF66



00FFFF



E8DFFF



FFB5B0

Rectangle

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



D5FF66



00FFCD



E8DFFF



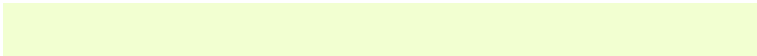
FFB3FF

Sweetspot

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



D5FF66



F2FFD1



FF8F66



788063



000000



808080

Same Dimension

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



D5FF66



CDFF47



8AFF66



7C8073



8BBF00



2E4000

Inverse Universe

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



9066FF



7A47FF



DB66FF



767380



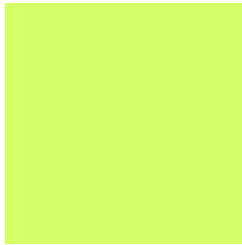
3400BF



110040

Previews

White Background



This preview shows how the Hex color D5FF66 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 D5FF66 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 D5FF66 Background



This preview shows how black text looks on a background with the Hex color D5FF66.

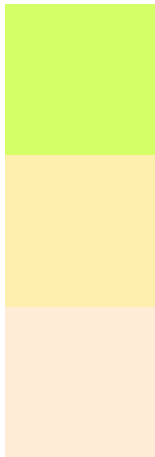


This preview shows how white text looks on a background with the Hex color D5FF66.

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
D5FF66

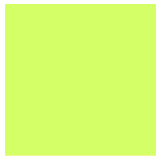
Protanopia
FFEFAE

Deuteranopia
FFECD6

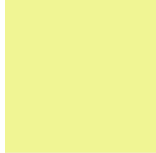


Tritanopia
E8EFFF

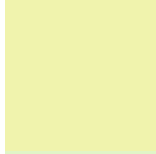
Trichromacy



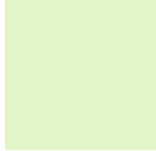
Original Color
D5FF66



Protanomaly
F0F594

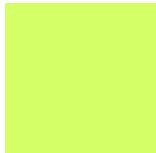


Deuteranomaly
F0F3AD

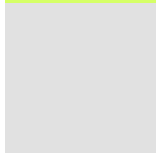


Tritanomaly
E1F5C7

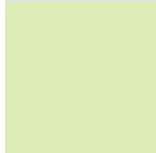
Monochromacy



Original Color
D5FF66



Achromatopsia
E1E1E1



Achromatomaly
DDECB4

CSS Examples

Text

The CSS property to change the color of the text to Hex D5FF66 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 #D5FF66 looks like.

```
.text, #text, p{  
    color:#D5FF66  
}
```

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 #D5FF66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5FF66
}
```

Border

The CSS property to change the border of an element to Hex D5FF66 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
#D5FF66 }
```

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

```
.border{ border-color:#D5FF66 }
```

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

Here you see how a box with a 4 pixel #D5FF66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5FF66; -webkit-box-shadow:4px 4px  
4px 4px #D5FF66; box-shadow:4px 4px 4px  
4px #D5FF66 }
```

Background

The CSS property to change the background color of an element to Hex D5FF66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5FF66 }
```

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

```
.background{ background-color:#D5FF66 }
```

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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