

Converting Colors

Hex(D9FD68)

Have a look what the booklet for
Hex(D9FD68) contains.

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Color

Hex(D9FD68)

Conversions

Conversions Part 1

Format	Color
Hex	D9FD68
RGB	217, 253, 104
RGB Percent	85%, 99%, 41%
CMY	0.1490, 0.0078, 0.5922
CMYK	0.14, 0.00, 0.59, 0.01
HSL	74°, 97%, 70%
HSV	74°, 59%, 99%
XYZ	66.2392, 86.0017, 26.2055
YIQ	225.2500, 26.3730, -53.9710

Conversions

Conversions Part 2

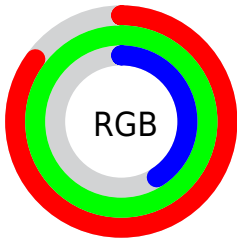
Format	Color
RYB	104, 253, 140
Decimal	14286184
CIELab	94.31, -32.19, 65.79
CIElCh	94, 73.242, 116.072
Yxy	86.0017, 0.3712, 0.4819
Android (android.graphics.Color)	4292476264 (0xFFD9FD68)
YUV	225.2500, -59.7762, -7.2352
Hunter-Lab	92.7371, -34.7930, 48.1619

Details

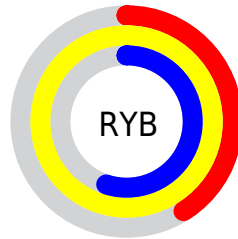
The Hex color **D9FD68** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **8C68FD**, and the grayscale version is **E2E2E2**.

A 20% lighter version of the original color is **FFFA0**, and **9FC42E** is the 20% darker color. If you saturate the color by 10%, you get **D3FD4F**, and if you desaturate by 10%, it is **DFFD81**.

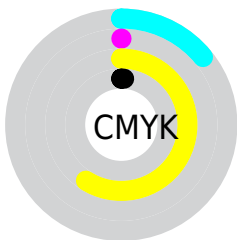
Distribution



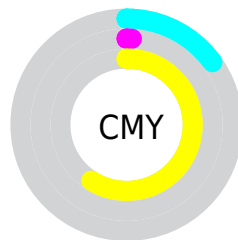
- Red (85%)
- Green (99%)
- Blue (41%)



- Red (41%)
- Yellow (99%)
- Blue (55%)



- Cyan (14%)
- Magenta (0%)
- Yellow (59%)
- Black (1%)



- Cyan (15%)
- Magenta (1%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color D9FD68 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 D9FD68 by changing the saturation by 10% instead.

 D9FD68

 D9FD68

FFFFFF

 BCE04C

 FFFFA0

 9FC42E

 FFFFBC

 83A902

 FFFFD9

 678E00

 FFFFF7

 4C7500

 305C00

 114400

 002D00

 001800

 D9FD68

 D9FD68

 D3FD4F

 DFFD81

 CDFD35

 E5FD9B

 C7FD1C

 EBFDB4

 C1FD03

 F1FDCC

 C0FD00

 F8FDE7

 FEFDFE

 FFFDFE

Harmonies

Analogous

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



FFE85A



D9FD68



7EFF9C

Triad

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



D9FD68



00FFFF



FFB1FB

Complementary

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



D9FD68



8C68FD

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.



FFC3FF



D9FD68



11F9FF

Square

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



D9FD68



00FFFF



E2E0FF



FFB6B4

Rectangle

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



D9FD68



00FFCA



E2E0FF



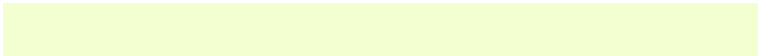
FFB5FF

Sweetspot

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



D9FD68



F4FFD1



FD8B68



798063



000000



808080

Same Dimension

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



D9FD68



D3FF4A



90FD68



7C8073



91BF00



304000

Inverse Universe

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



8C68FD



764AFF



D568FD



767380



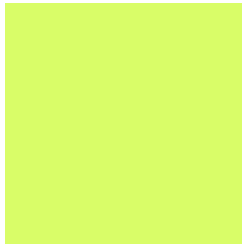
2E00BF



0F0040

Previews

White Background



This preview shows how the Hex color D9FD68 looks on a white background.

Color Contrast Check

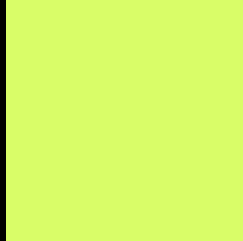
Large Text (above 18pt) WCAG AA × Fail

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 D9FD68 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 D9FD68 Background



This preview shows how black text looks on a background with the Hex color D9FD68.

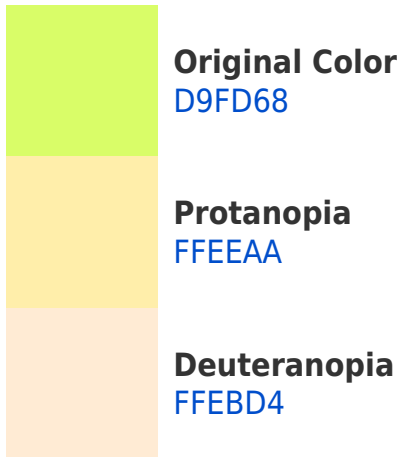


This preview shows how white text looks on a background with the Hex color D9FD68.

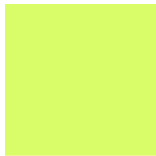
Color Blindness Simulation

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](#).

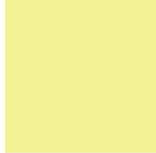
Dichromacy



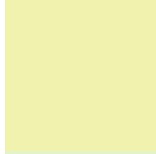
Trichromacy



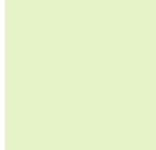
Original Color
D9FD68



Protanomaly
F1F392



Deuteranomaly
F1F2AD

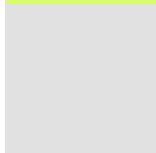


Tritanomaly
E4F3C8

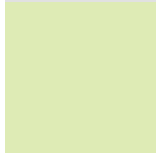
Monochromacy



Original Color
D9FD68



Achromatopsia
E1E1E1



Achromatomaly
DEEBB5

CSS Examples

Text

The CSS property to change the color of the text to Hex D9FD68 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 #D9FD68 looks like.

```
.text, #text, p{  
    color:#D9FD68  
}
```

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 #D9FD68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9FD68
}
```

Border

The CSS property to change the border of an element to Hex D9FD68 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
#D9FD68 }
```

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

```
.border{ border-color:#D9FD68 }
```

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

Here you see how a box with a 4 pixel #D9FD68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9FD68; -webkit-box-shadow:4px 4px  
4px 4px #D9FD68; box-shadow:4px 4px 4px  
4px #D9FD68 }
```

Background

The CSS property to change the background color of an element to Hex D9FD68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9FD68 }
```

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

```
.background{ background-color:#D9FD68 }
```

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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