

Converting Colors

Hex(D6FE78)

Have a look what the booklet for
Hex(D6FE78) contains.

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Color

Hex(D6FE78)

Conversions

Conversions Part 1

Format	Color
Hex	D6FE78
RGB	214, 254, 120
RGB Percent	84%, 100%, 47%
CMY	0.1608, 0.0039, 0.5294
CMYK	0.16, 0.00, 0.53, 0.00
HSL	78°, 99%, 73%
HSV	78°, 53%, 100%
XYZ	66.5635, 86.5358, 30.9641
YIQ	226.7640, 19.1740, -50.1540

Conversions

Conversions Part 2

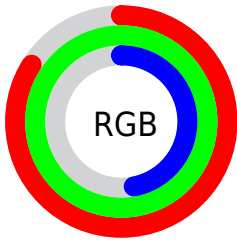
Format	Color
RYB	120, 254, 160
Decimal	14089848
CIELab	94.54, -32.45, 59.07
CIElCh	95, 67.393, 118.783
Yxy	86.5358, 0.3616, 0.4701
Android (android.graphics.Color)	4292279928 (0xFFD6FE78)
YUV	226.7640, -52.6347, -11.1940
Hunter-Lab	93.0246, -35.0679, 45.3820

Details

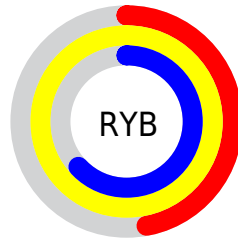
The Hex color **D6FE78** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **A078FE**, and the grayscale version is **E3E3E3**.

A 20% lighter version of the original color is **FFFFAF**, and **9DC542** is the 20% darker color. If you saturate the color by 10%, you get **CEFE5F**, and if you desaturate by 10%, it is **DEFE91**.

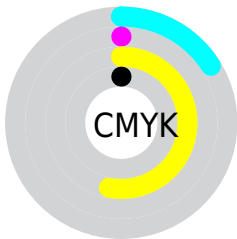
Distribution



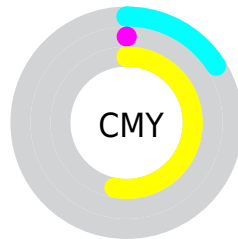
- Red (84%)
- Green (100%)
- Blue (47%)



- Red (47%)
- Yellow (100%)
- Blue (63%)



- Cyan (16%)
- Magenta (0%)
- Yellow (53%)
- Black (0%)



- Cyan (16%)
- Magenta (0%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color D6FE78 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 D6FE78 by changing the saturation by 10% instead.

 D6FE78

FFFFFF

 FFFFAF

 FFFFCC

 FFFF E9

 D6FE78

 B9E15D

 9DC542

 81AA24

 658F00

 4A7500

 305C00

 104500

 002E00

 001900

 D6FE78

 D6FE78

 CEFE5F

 DEFE91

 C7FE45

 E5FEAB

 BFFE2C

 EDFEC4

 B8FE12

 F4FEDE

 B2FE00

 FCFEF7

FFFEFF

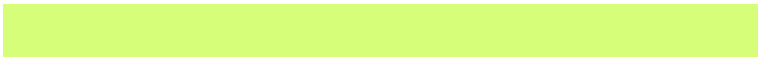
Harmonies

Analogous

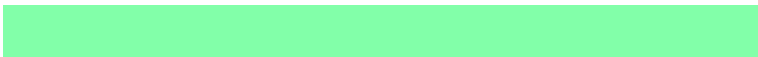
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFEB68



D6FE78



82FFA9

Triad

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



D6FE78



00FFFF



FFB8F5

Complementary

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



D6FE78



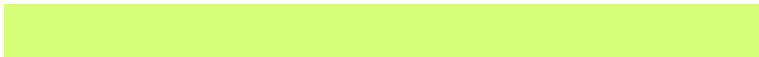
A078FE

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.



FFC6FF



D6FE78



6BF7FF

Square

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



D6FE78



00FFFF



EFDFFF



FFBEB4

Rectangle

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



D6FE78



00FFD4



EFDFFF



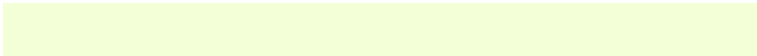
FFBBFF

Sweetspot

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



D6FE78



F3FFD6



FE9E78



788067



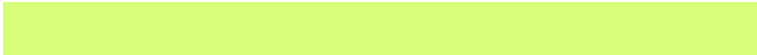
000000



808080

Same Dimension

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



D6FE78



CFFF5E



95FE78



7C8073



86BF00



2D4000

Inverse Universe

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



A078FE



8E5EFF



E178FE



777380



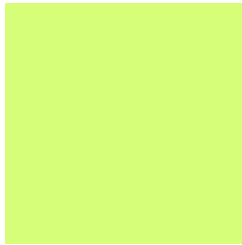
3900BF



130040

Previews

White Background



This preview shows how the Hex color D6FE78 looks on a white background.

Color Contrast Check

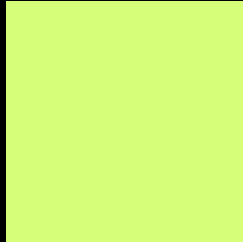
Large Text (above 18pt) WCAG AA × Fail

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 D6FE78 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 D6FE78 Background



This preview shows how black text looks on a background with the Hex color D6FE78.

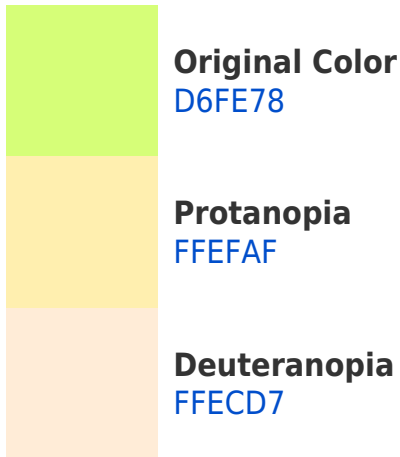


This preview shows how white text looks on a background with the Hex color D6FE78.

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](#).

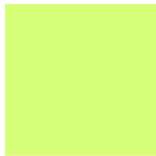
Dichromacy



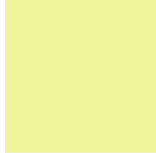


Tritanopia
E8EFFF

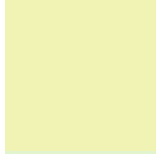
Trichromacy



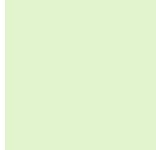
Original Color
D6FE78



Protanomaly
F0F49B

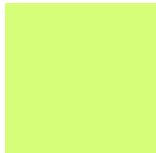


Deuteranomaly
F0F3B4

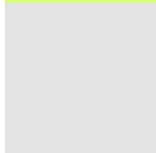


Tritanomaly
E1F4CE

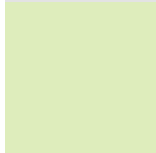
Monochromacy



Original Color
D6FE78



Achromatopsia
E3E3E3



Achromatomaly
DEEDBC

CSS Examples

Text

The CSS property to change the color of the text to Hex D6FE78 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 #D6FE78 looks like.

```
.text, #text, p{  
    color:#D6FE78  
}
```

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 #D6FE78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6FE78  
}
```

Border

The CSS property to change the border of an element to Hex D6FE78 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  
#D6FE78 }
```

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

```
.border{ border-color:#D6FE78 }
```

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

Here you see how a box with a 4 pixel #D6FE78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6FE78; -webkit-box-shadow:4px 4px  
4px 4px #D6FE78; box-shadow:4px 4px 4px  
4px #D6FE78 }
```

Background

The CSS property to change the background color of an element to Hex D6FE78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6FE78 }
```

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

```
.background{ background-color:#D6FE78 }
```

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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