

Converting Colors

Hex(D6FEA6)

Have a look what the booklet for
Hex(D6FEA6) contains.

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Color

Hex(D6FEA6)

Conversions

Conversions Part 1

Format	Color
Hex	D6FEA6
RGB	214, 254, 166
RGB Percent	84%, 100%, 65%
CMY	0.1608, 0.0039, 0.3490
CMYK	0.16, 0.00, 0.35, 0.00
HSL	87°, 98%, 82%
HSV	87°, 35%, 100%
XYZ	70.0563, 87.9329, 49.3568
YIQ	232.0080, 4.4080, -35.8480

Conversions

Conversions Part 2

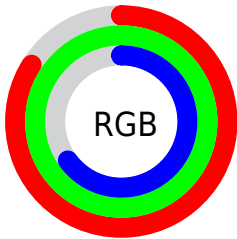
Format	Color
RYB	166, 254, 206
Decimal	14089894
CIELab	95.13, -27.37, 37.97
CIELCh	95, 46.806, 125.779
Yxy	87.9329, 0.3379, 0.4241
Android (android.graphics.Color)	4292279974 (0xFFD6FEA6)
YUV	232.0080, -32.5419, -15.7930
Hunter-Lab	93.7726, -30.7469, 34.4338

Details

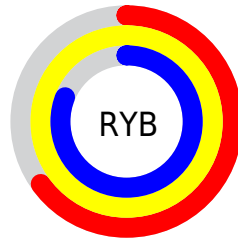
The Hex color **D6FEA6** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **CEA6FE**, and the grayscale version is **E8E8E8**.

A 20% lighter version of the original color is **FFFFDE**, and **9EC571** is the 20% darker color. If you saturate the color by 10%, you get **CAFE8D**, and if you desaturate by 10%, it is **E2FEBF**.

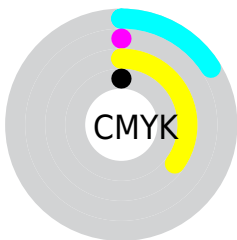
Distribution



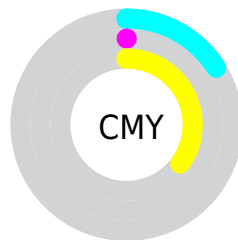
- Red (84%)
- Green (100%)
- Blue (65%)



- Red (65%)
- Yellow (100%)
- Blue (81%)



- Cyan (16%)
- Magenta (0%)
- Yellow (35%)
- Black (0%)



- Cyan (16%)
- Magenta (0%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color D6FEA6 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 D6FEA6 by changing the saturation by 10% instead.

 D6FEA6

FFFFFF

 FFFFDE

 FFFFFB

 D6FEA6

 BAE18B

 9EC571


 83AA58

 698F3F

 4F7526

 365D0C

 1E4500

 012E00

 001B00

 D6FEA6

 D6FEA6

 CAFE8D

 E2FEBF

 BFFE73

 EDFED9

 B3FE5A

 F9FEF2

 A8FE40

FFFEFF

 9CFE27

 91FE0E

 8BFE00

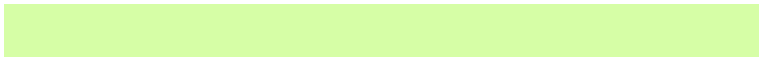
Harmonies

Analogous

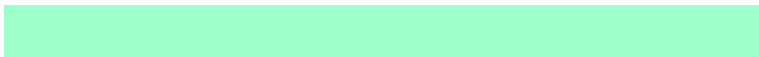
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFF196



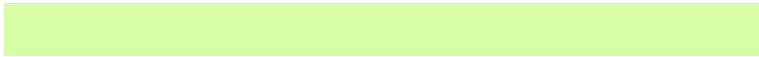
D6FEA6



9FFFCA

Triad

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



D6FEA6



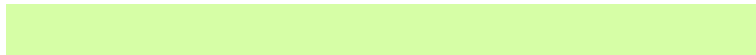
73FFFF



FFCEEA

Complementary

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



D6FEA6



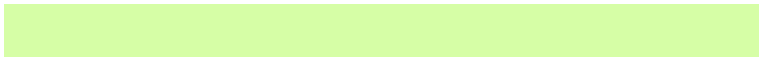
CEA6FE

Split Complementary

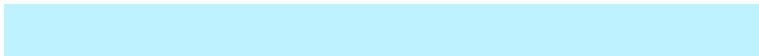
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFD4FF



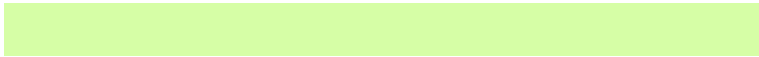
D6FEA6



BFF2FF

Square

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



D6FEA6



3FFFFF



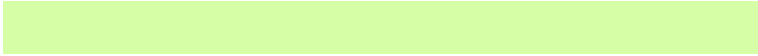
FFE2FF



FFD4BE

Rectangle

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



D6FEA6



78FFE9



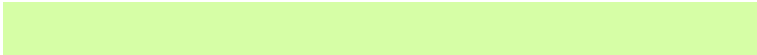
FFE2FF



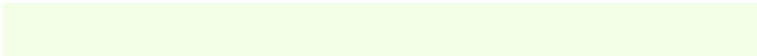
FFCFF9

Sweetspot

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



D6FEA6



F3FFE6



FECEA6



798070



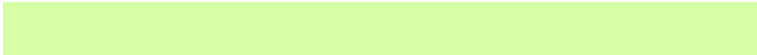
000000



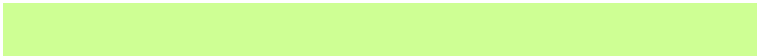
808080

Same Dimension

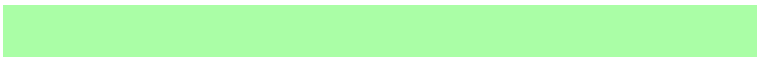
The Same Dimension uses a secret algorithm to generate beautiful new colors.



D6FEA6



CEFF94



AAFEA6



7A8073



68BF00



234000

Inverse Universe

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



CEA6FE



C594FF



FAA6FE



797380



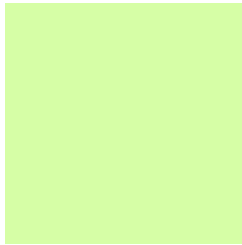
5700BF



1D0040

Previews

White Background



This preview shows how the Hex color D6FEA6 looks on a white background.

Color Contrast Check

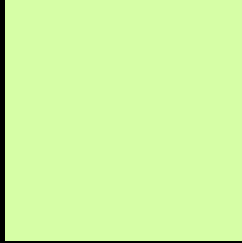
Large Text (above 18pt) WCAG AA × Fail

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 D6FEA6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

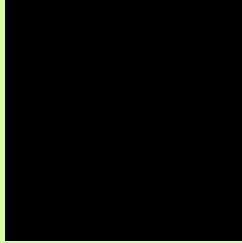
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

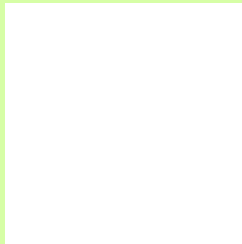
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex D6FEA6 Background



This preview shows how black text looks on a background with the Hex color D6FEA6.

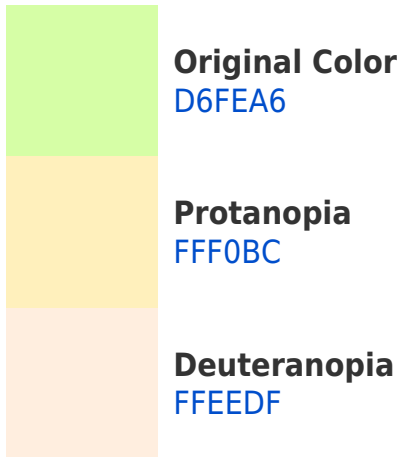


This preview shows how white text looks on a background with the Hex color D6FEA6.

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](#).

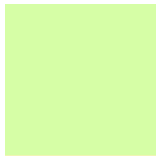
Dichromacy



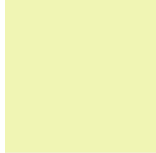


Tritanopia
E8F2FF

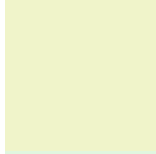
Trichromacy



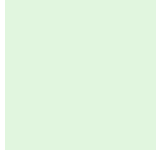
Original Color
D6FEA6



Protanomaly
F0F5B4

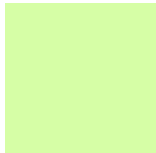


Deuteranomaly
F0F4CA

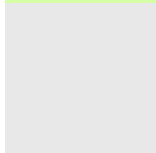


Tritanomaly
E1F6DF

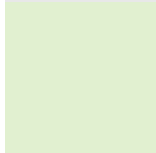
Monochromacy



Original Color
D6FEA6



Achromatopsia
E8E8E8



Achromatomaly
E1F0D0

CSS Examples

Text

The CSS property to change the color of the text to Hex D6FEA6 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 #D6FEA6 looks like.

```
.text, #text, p{  
    color:#D6FEA6  
}
```

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 #D6FEA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6FEA6
}
```

Border

The CSS property to change the border of an element to Hex D6FEA6 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
#D6FEA6 }
```

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

```
.border{ border-color:#D6FEA6 }
```

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

Here you see how a box with a 4 pixel #D6FEA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6FEA6; -webkit-box-shadow:4px 4px  
4px 4px #D6FEA6; box-shadow:4px 4px 4px  
4px #D6FEA6 }
```

Background

The CSS property to change the background color of an element to Hex D6FEA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6FEA6 }
```

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

```
.background{ background-color:#D6FEA6 }
```

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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