

Converting Colors

Hex(D1FFA6)

Have a look what the booklet for
Hex(D1FFA6) contains.

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Color

Hex(D1FFA6)

Conversions

Conversions Part 1

Format	Color
Hex	D1FFA6
RGB	209, 255, 166
RGB Percent	82%, 100%, 65%
CMY	0.1804, 0.0000, 0.3490
CMYK	0.18, 0.00, 0.35, 0.00
HSL	91°, 100%, 83%
HSV	91°, 35%, 100%
XYZ	68.9374, 87.8285, 49.3956
YIQ	231.1000, 1.1530, -37.4310

Conversions

Conversions Part 2

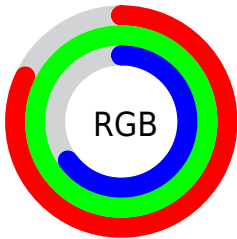
Format	Color
RYB	166, 255, 212
Decimal	13762470
CIELab	95.09, -29.59, 37.86
CIELCh	95, 48.051, 128.016
Yxy	87.8285, 0.3344, 0.4260
Android (android.graphics.Color)	4291952550 (0xFFD1FFA6)
YUV	231.1000, -32.0943, -19.3817
Hunter-Lab	93.7169, -32.7012, 34.3517

Details

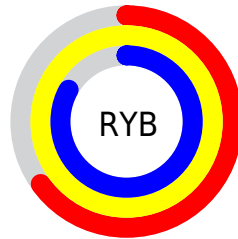
The Hex color **D1FFA6** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **D4A6FF**, and the grayscale version is **E7E7E7**.

A 20% lighter version of the original color is **FFFFDE**, and **99C671** is the 20% darker color. If you saturate the color by 10%, you get **C4FF8D**, and if you desaturate by 10%, it is **DEFFC0**.

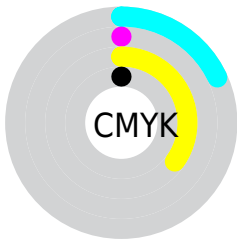
Distribution



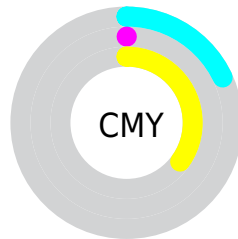
- Red (82%)
- Green (100%)
- Blue (65%)



- Red (65%)
- Yellow (100%)
- Blue (83%)



- Cyan (18%)
- Magenta (0%)
- Yellow (35%)
- Black (0%)



- Cyan (18%)
- Magenta (0%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color D1FFA6 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 D1FFA6 by changing the saturation by 10% instead.

 D1FFA6

FFFFFF

 FFFFDE

 FFFFFB

 D1FFA6

 B5E28B

 99C671

 7EAB58

 64903F

 4A7626

 315D0C

 184500

 002E00

 001A00

 D1FFA6

 D1FFA6

 C4FF8D

 DEFFC0

 B7FF73

 EBFFD9

 A9FF5A

 F9FFF3

 9CFF40

FFFFFF

 8FFF26

 82FF0D

 7BFF00

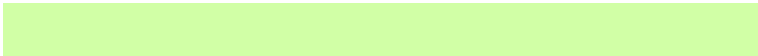
Harmonies

Analogous

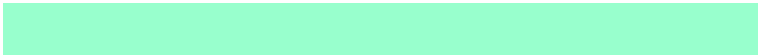
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFF294



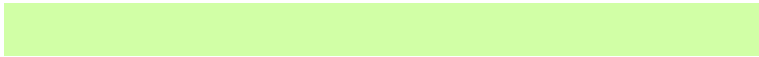
D1FFA6



98FFCD

Triad

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



D1FFA6



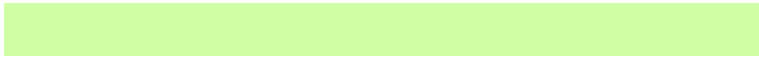
72FFFF



FFCDE6

Complementary

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



D1FFA6



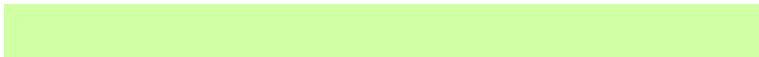
D4A6FF

Split Complementary

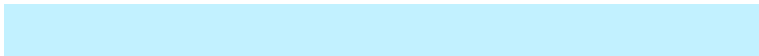
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFD2FF



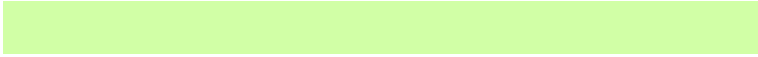
D1FFA6



C2F1FF

Square

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



D1FFA6



30FFFF



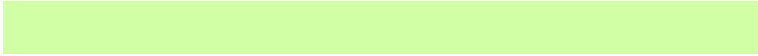
FFE0FF



FFD4BA

Rectangle

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



D1FFA6



6EFFEC



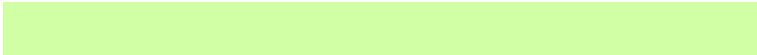
FFE0FF



FFCDF6

Sweetspot

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



D1FFA6



F2FFE6



FFD4A6



788070



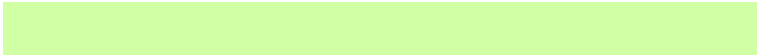
000000



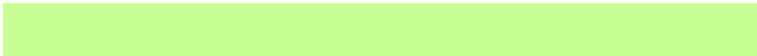
808080

Same Dimension

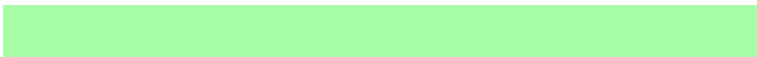
The Same Dimension uses a secret algorithm to generate beautiful new colors.



D1FFA6



C8FF94



A6FFA7



798073



5CBF00



1F4000

Inverse Universe

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



D4A6FF



CB94FF



FFA6FE



797380



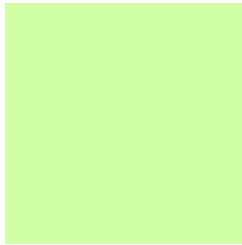
6300BF



210040

Previews

White Background



This preview shows how the Hex color D1FFA6 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 D1FFA6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

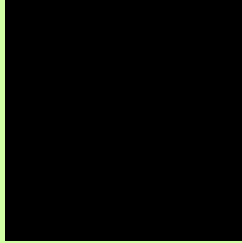
Any Text WCAG AA ✓ Pass

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 D1FFA6 Background



This preview shows how black text looks on a background with the Hex color D1FFA6.

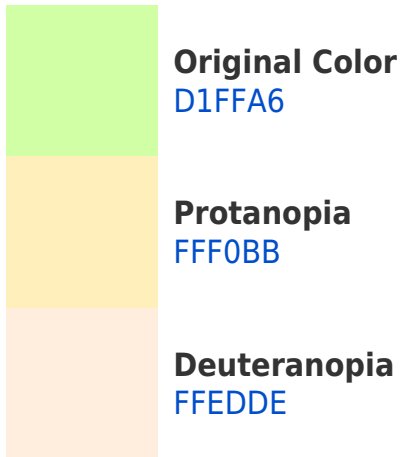


This preview shows how white text looks on a background with the Hex color D1FFA6.

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



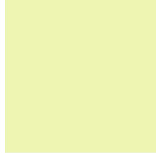


Tritanopia
E5F2FF

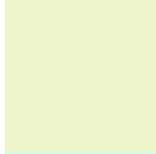
Trichromacy



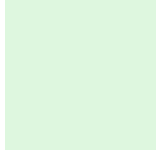
Original Color
D1FFA6



Protanomaly
EEF5B3

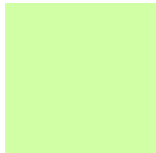


Deuteranomaly
EEF4CA

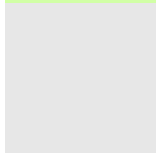


Tritanomaly
DEF7DF

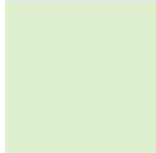
Monochromacy



Original Color
D1FFA6



Achromatopsia
E7E7E7



Achromatomaly
DFF0CF

CSS Examples

Text

The CSS property to change the color of the text to Hex D1FFA6 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 #D1FFA6 looks like.

```
.text, #text, p{  
    color:#D1FFA6  
}
```

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 #D1FFA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D1FFA6
}
```

Border

The CSS property to change the border of an element to Hex D1FFA6 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
#D1FFA6 }
```

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

```
.border{ border-color:#D1FFA6 }
```

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

Here you see how a box with a 4 pixel #D1FFA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D1FFA6; -webkit-box-shadow:4px 4px  
4px 4px #D1FFA6; box-shadow:4px 4px 4px  
4px #D1FFA6 }
```

Background

The CSS property to change the background color of an element to Hex D1FFA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D1FFA6 }
```

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

```
.background{ background-color:#D1FFA6 }
```

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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