

Converting Colors

Hex(D8FE96)

Have a look what the booklet for
Hex(D8FE96) contains.

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Color

Hex(D8FE96)

Conversions

Conversions Part 1

Format	Color
Hex	D8FE96
RGB	216, 254, 150
RGB Percent	85%, 100%, 59%
CMY	0.1529, 0.0039, 0.4118
CMYK	0.15, 0.00, 0.41, 0.00
HSL	82°, 98%, 79%
HSV	82°, 41%, 100%
XYZ	69.2657, 87.6846, 42.1283
YIQ	230.7820, 10.7360, -40.4000

Conversions

Conversions Part 2

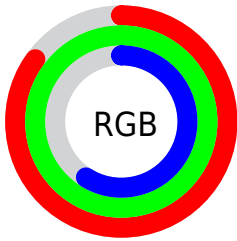
Format	Color
RYB	150, 254, 188
Decimal	14220950
CIELab	95.03, -28.62, 45.69
CIElCh	95, 53.914, 122.062
Yxy	87.6846, 0.3479, 0.4405
Android (android.graphics.Color)	4292411030 (0xFFD8FE96)
YUV	230.7820, -39.8255, -12.9638
Hunter-Lab	93.6400, -31.8332, 38.8737

Details

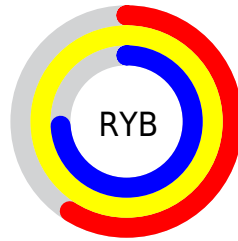
The Hex color **D8FE96** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **BC96FE**, and the grayscale version is **E7E7E7**.

A 20% lighter version of the original color is **FFFFCD**, and **A0C561** is the 20% darker color. If you saturate the color by 10%, you get **CFFE7D**, and if you desaturate by 10%, it is **E1FEAF**.

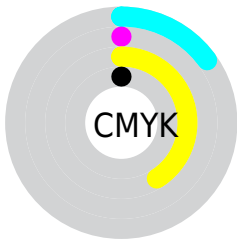
Distribution



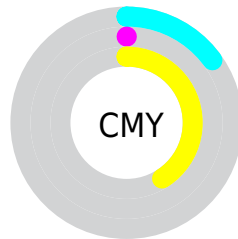
- Red (85%)
- Green (100%)
- Blue (59%)



- Red (59%)
- Yellow (100%)
- Blue (74%)



- Cyan (15%)
- Magenta (0%)
- Yellow (41%)
- Black (0%)



- Cyan (15%)
- Magenta (0%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color D8FE96 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 D8FE96 by changing the saturation by 10% instead.

 D8FE96

FFFFFF

 FFFFCF

 FFFFEA

 D8FE96

 BBE17B

 A0C561

 84AA48

 6A8F2E

 507512

 365D00

 1D4500

 002E00

 001A00

 D8FE96

 D8FE96

 CFFE7D

 E1FEAF

 C5FE63

 EBFEC9

 BCFE4A

 F4FEE2

 B3FE30

 FDFEFC

 AAFE17

FFFEFF

 A1FE00

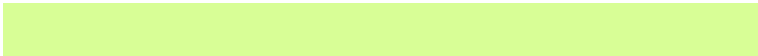
Harmonies

Analogous

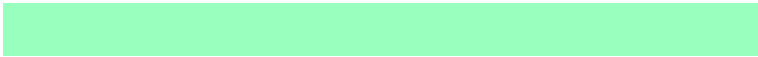
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE87



D8FE96



98FFBE

Triad

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



D8FE96



27FFFF



FFC7EF

Complementary

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



D8FE96



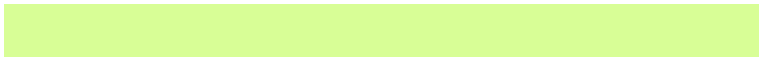
BC96FE

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.



FFD0FF



D8FE96



A7F5FF

Square

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



D8FE96



00FFFF



FBE2FF



FFCDBC

Rectangle

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



D8FE96



62FFE1



FBE2FF



FFC8FF

Sweetspot

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



D8FE96



F4FFE0



FEBA96



79806E



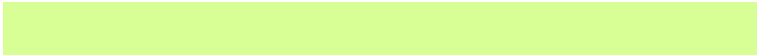
000000



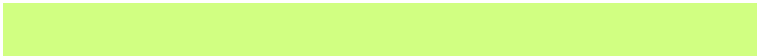
808080

Same Dimension

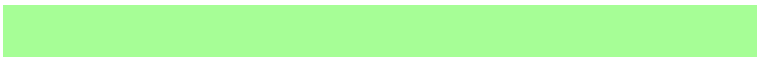
The Same Dimension uses a secret algorithm to generate beautiful new colors.



D8FE96



D1FF82



A6FE96



7B8073



79BF00



284000

Inverse Universe

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



BC96FE



B082FF



EE96FE



777380



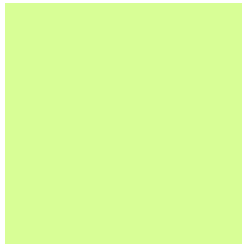
4600BF



170040

Previews

White Background



This preview shows how the Hex color D8FE96 looks on a white background.

Color Contrast Check

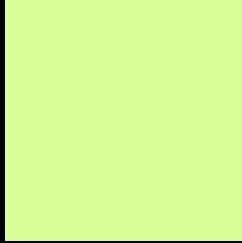
Large Text (above 18pt) WCAG AA × Fail

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 D8FE96 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

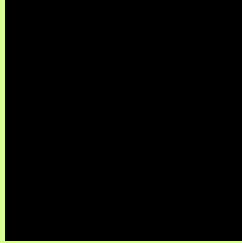
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

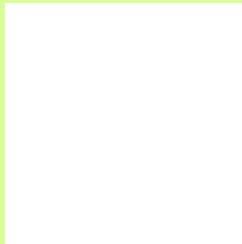
Any Text WCAG AAA ✓ Pass

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

Hex D8FE96 Background



This preview shows how black text looks on a background with the Hex color D8FE96.

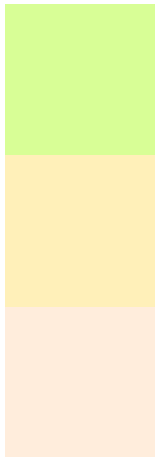


This preview shows how white text looks on a background with the Hex color D8FE96.

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
D8FE96

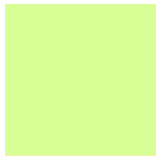
Protanopia
FFF0B9

Deuteranopia
FFEDDC

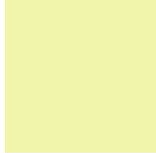


Tritanopia
E9F1FF

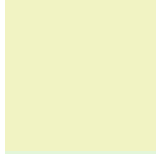
Trichromacy



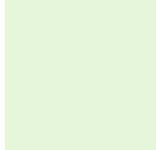
Original Color
D8FE96



Protanomaly
F1F5AC

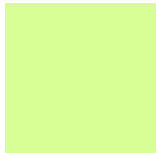


Deuteranomaly
F1F3C3

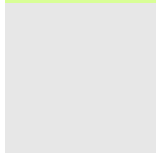


Tritanomaly
E3F6D9

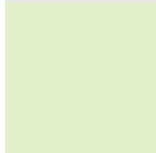
Monochromacy



Original Color
D8FE96



Achromatopsia
E7E7E7



Achromatomaly
E2EFCA

CSS Examples

Text

The CSS property to change the color of the text to Hex D8FE96 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 #D8FE96 looks like.

```
.text, #text, p{  
    color:#D8FE96  
}
```

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 #D8FE96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D8FE96
}
```

Border

The CSS property to change the border of an element to Hex D8FE96 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
#D8FE96 }
```

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

```
.border{ border-color:#D8FE96 }
```

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

Here you see how a box with a 4 pixel #D8FE96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D8FE96; -webkit-box-shadow:4px 4px  
4px 4px #D8FE96; box-shadow:4px 4px 4px  
4px #D8FE96 }
```

Background

The CSS property to change the background color of an element to Hex D8FE96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D8FE96 }
```

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

```
.background{ background-color:#D8FE96 }
```

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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