

Converting Colors

Hex(D8FF9E)

Have a look what the booklet for
Hex(D8FF9E) contains.

Hex(D8FF9E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D8FF9E)

Conversions

Conversions Part 1

Format	Color
Hex	D8FF9E
RGB	216, 255, 158
RGB Percent	85%, 100%, 62%
CMY	0.1529, 0.0000, 0.3804
CMYK	0.15, 0.00, 0.38, 0.00
HSL	84°, 100%, 81%
HSV	84°, 38%, 100%
XYZ	70.2505, 88.5876, 45.7443
YIQ	232.2810, 7.8930, -38.4350

Conversions

Conversions Part 2

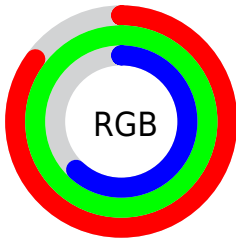
Format	Color
RYB	158, 255, 197
Decimal	14221214
CIELab	95.41, -28.13, 42.29
CIELCh	95, 50.794, 123.635
Yxy	88.5876, 0.3434, 0.4330
Android (android.graphics.Color)	4292411294 (0xFFD8FF9E)
YUV	232.2810, -36.6205, -14.2784
Hunter-Lab	94.1210, -31.4820, 37.0688

Details

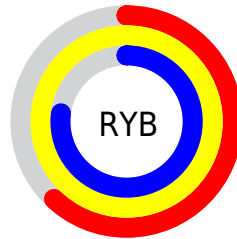
The Hex color **D8FF9E** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **C59EFF**, and the grayscale version is **E9E9E9**.

A 20% lighter version of the original color is **FFFFD6**, and **A0C669** is the 20% darker color. If you saturate the color by 10%, you get **CEFF84**, and if you desaturate by 10%, it is **E2FFB8**.

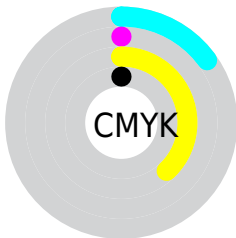
Distribution



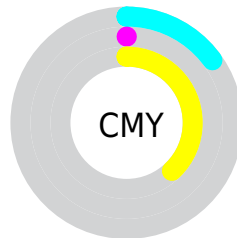
- Red (85%)
- Green (100%)
- Blue (62%)



- Red (62%)
- Yellow (100%)
- Blue (77%)



- Cyan (15%)
- Magenta (0%)
- Yellow (38%)
- Black (0%)



- Cyan (15%)
- Magenta (0%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color D8FF9E 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 D8FF9E by changing the saturation by 10% instead.

 D8FF9E

FFFFFF

 FFFFD6

 FFFFF2

 D8FF9E

 BCE283

 A0C669

 85AB50

 6A9037

 50761D

 375D00

 1E4500

 002F00

 001B00

 D8FF9E

 D8FF9E

 CEFF84

 E2FFB8

 C3FF6B

 EDFFD1

 B9FF52

 F7FFE8

 AFFF38

FFFFFF

 A5FF1F

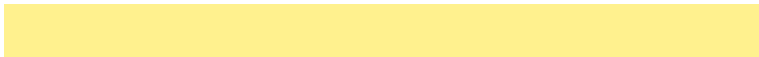
 9AFF05

 98FF00

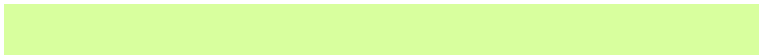
Harmonies

Analogous

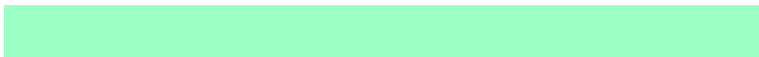
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFF18E



D8FF9E



9CFFC4

Triad

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



D8FF9E



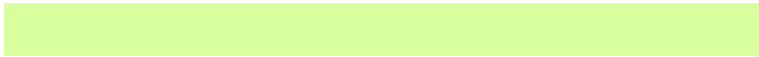
55FFFF



FFCBEE

Complementary

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



D8FF9E



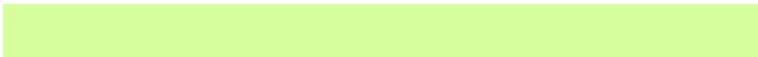
C59EFF

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



D8FF9E



B3F5FF

Square

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



D8FF9E



00FFFF



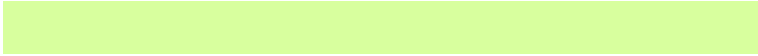
FFE3FF



FFD1BE

Rectangle

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



D8FF9E



6DFFE5



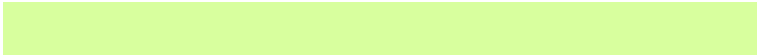
FFE3FF



FFCCFE

Sweetspot

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



D8FF9E



F4FFE3



FFC59E



79806F



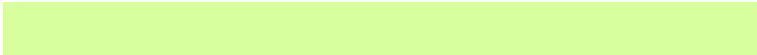
000000



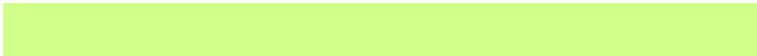
808080

Same Dimension

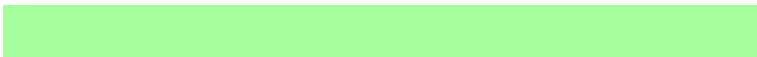
The Same Dimension uses a secret algorithm to generate beautiful new colors.



D8FF9E



D0FF8A



A8FF9E



7A8073



72BF00



264000

Inverse Universe

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



C59EFF



B98AFF



F59EFF



787380



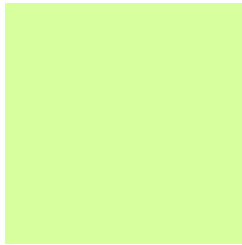
4D00BF



1A0040

Previews

White Background



This preview shows how the Hex color D8FF9E looks on a white background.

Color Contrast Check

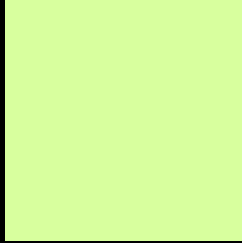
Large Text (above 18pt) WCAG AA × Fail

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 D8FF9E 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 D8FF9E Background



This preview shows how black text looks on a background with the Hex color D8FF9E.

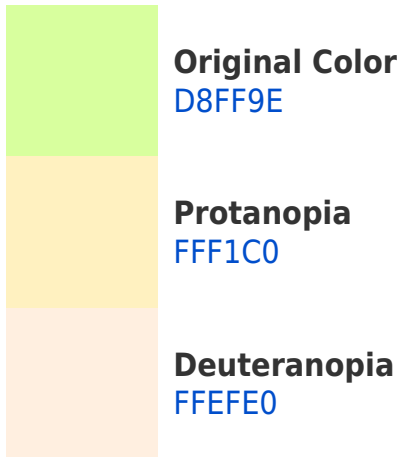


This preview shows how white text looks on a background with the Hex color D8FF9E.

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



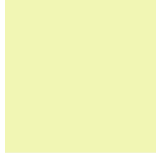


Tritanopia
EAF2FF

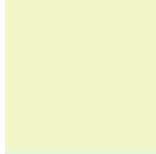
Trichromacy



Original Color
D8FF9E



Protanomaly
F1F6B4

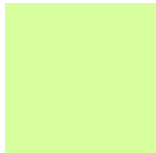


Deuteranomaly
F1F5C8

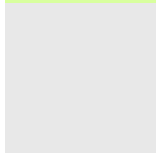


Tritanomaly
E3F7DC

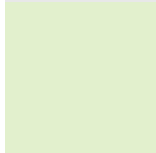
Monochromacy



Original Color
D8FF9E



Achromatopsia
E8E8E8



Achromatomaly
E2F0CD

CSS Examples

Text

The CSS property to change the color of the text to Hex D8FF9E 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 #D8FF9E looks like.

```
.text, #text, p{  
    color:#D8FF9E  
}
```

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 #D8FF9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D8FF9E
}
```

Border

The CSS property to change the border of an element to Hex D8FF9E 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
#D8FF9E }
```

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

```
.border{ border-color:#D8FF9E }
```

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

Here you see how a box with a 4 pixel #D8FF9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D8FF9E; -webkit-box-shadow:4px 4px  
4px 4px #D8FF9E; box-shadow:4px 4px 4px  
4px #D8FF9E }
```

Background

The CSS property to change the background color of an element to Hex D8FF9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D8FF9E }
```

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

```
.background{ background-color:#D8FF9E }
```

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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