

Converting Colors

Hex(9CFB7E)

Have a look what the booklet for
Hex(9CFB7E) contains.

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Color

Hex(9CFB7E)

Conversions

Conversions Part 1

Format	Color
Hex	9CFB7E
RGB	156, 251, 126
RGB Percent	61%, 98%, 49%
CMY	0.3882, 0.0157, 0.5059
CMYK	0.38, 0.00, 0.50, 0.02
HSL	106°, 94%, 74%
HSV	106°, 50%, 98%
XYZ	51.9734, 77.5686, 31.9716
YIQ	208.3450, -16.4950, -59.0150

Conversions

Conversions Part 2

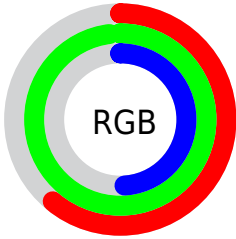
Format	Color
RYB	126, 251, 221
Decimal	10287998
CIELab	90.58, -50.54, 50.83
CIELCh	91, 71.680, 134.835
Yxy	77.5686, 0.3218, 0.4803
Android (android.graphics.Color)	4288478078 (0xFF9CFB7E)
YUV	208.3450, -40.5961, -45.9066
Hunter-Lab	88.0731, -48.7920, 40.1281

Details

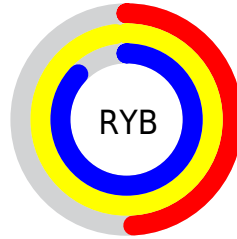
The Hex color **9CFB7E** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **DD7EFB**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **D6FFB5**, and **63C249** is the 20% darker color. If you saturate the color by 10%, you get **89FB65**, and if you desaturate by 10%, it is **AFFB97**.

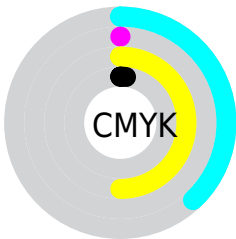
Distribution



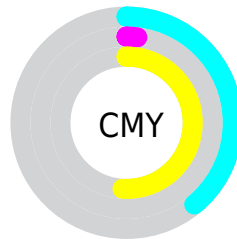
- Red (61%)
- Green (98%)
- Blue (49%)



- Red (49%)
- Yellow (98%)
- Blue (87%)



- Cyan (38%)
- Magenta (0%)
- Yellow (50%)
- Black (2%)



- Cyan (39%)
- Magenta (2%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9CFB7E 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 9CFB7E by changing the saturation by 10% instead.

 9CFB7E

 9CFB7E

FFFFFF

 7FDE63

 D6FFB5

 63C249

 F4FFD1

 45A62E

 FFFFEE

 248B0F

 007100

 005800

 003F00

 002900

 000400

 9CFB7E

 9CFB7E

 89FB65

 AFFB97

 76FB4C

 C2FBB0

 63FB33

 D5FBC9

 50FB1A

 E8FBE2

 3DFB00

 FBFBBF

 3CFB00

 FFFBFF

Harmonies

Analogous

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



EAEB56



9CFB7E



00FFBE

Triad

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



9CFB7E



00F5FF



FFA8C5

Complementary

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



9CFB7E



DD7EFB

Split Complementary

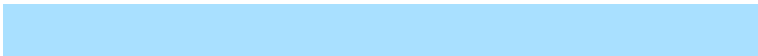
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFACFF



9CFB7E



A9E0FF

Square

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



9CFB7E



00FFFF



FFC4FF



FFBA86

Rectangle

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



9CFB7E



00FFED



FFC4FF



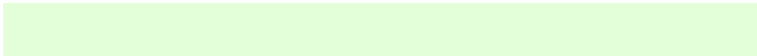
FFA7DC

Sweetspot

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



9CFB7E



E2FFD9



FBDC7E



6E8069



000000



808080

Same Dimension

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



9CFB7E



8BFF66



7EFB9D



737D70



2DBD00



0F3D00

Inverse Universe

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



DD7EFB



DA66FF



FB7EDC



7A707D



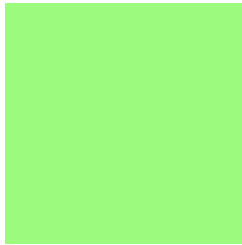
8F00BD



2F003D

Previews

White Background



This preview shows how the Hex color 9CFB7E looks on a white background.

Color Contrast Check

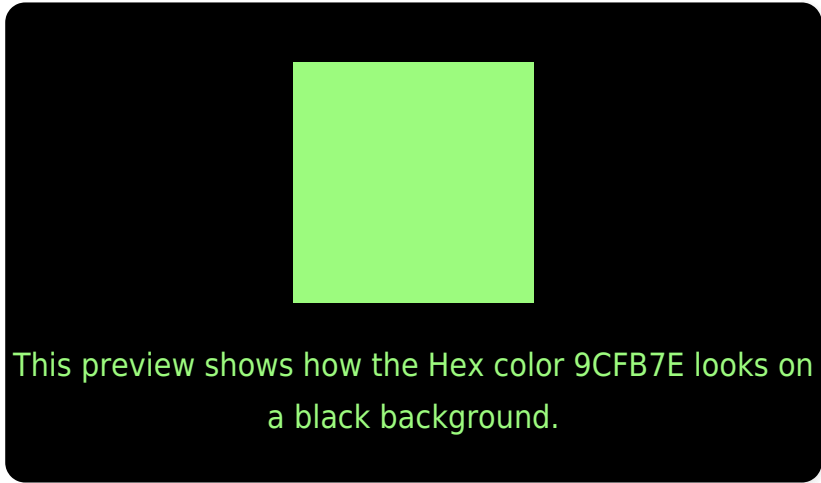
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

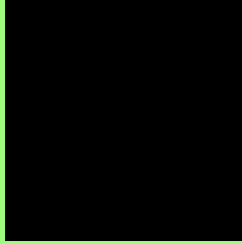
Any Text WCAG AA ✓ Pass

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 9CFB7E Background



This preview shows how black text looks on a background with the Hex color 9CFB7E.

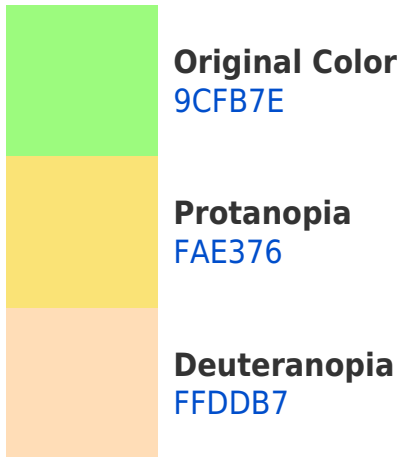


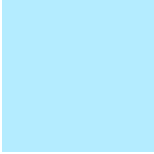
This preview shows how white text looks on a background with the Hex color 9CFB7E.

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



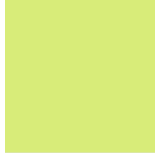


Tritanopia
B4ECFF

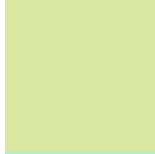
Trichromacy



Original Color
9CFB7E



Protanomaly
D8EC79



Deuteranomaly
DBE8A2

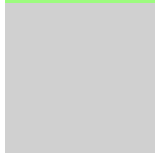


Tritanomaly
ABF1D0

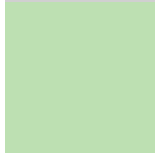
Monochromacy



Original Color
9CFB7E



Achromatopsia
D0D0D0



Achromatomaly
BDE0B2

CSS Examples

Text

The CSS property to change the color of the text to Hex 9CFB7E 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 #9CFB7E looks like.

```
.text, #text, p{  
    color:#9CFB7E  
}
```

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 #9CFB7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CFB7E
}
```

Border

The CSS property to change the border of an element to Hex 9CFB7E 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
#9CFB7E }
```

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

```
.border{ border-color:#9CFB7E }
```

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

Here you see how a box with a 4 pixel #9CFB7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CFB7E; -webkit-box-shadow:4px 4px  
4px 4px #9CFB7E; box-shadow:4px 4px 4px  
4px #9CFB7E }
```

Background

The CSS property to change the background color of an element to Hex 9CFB7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CFB7E }
```

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

```
.background{ background-color:#9CFB7E }
```

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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