

# Converting Colors

Hex(9CFE9D)

Have a look what the booklet for  
Hex(9CFE9D) contains.

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**Color**

**Hex(9CFE9D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9CFE9D
RGB	156, 254, 157
RGB Percent	61%, 100%, 62%
CMY	0.3882, 0.0039, 0.3843
CMYK	0.39, 0.00, 0.38, 0.00
HSL	121°, 98%, 80%
HSV	121°, 39%, 100%
XYZ	55.2379, 80.3859, 44.5030
YIQ	213.6400, -27.2710, -50.9430

# Conversions

## Conversions Part 2

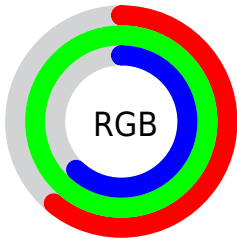
Format	Color
<a href="#">RYB</a>	<a href="#">156, 253, 254</a>
Decimal	<a href="#">10288797</a>
CIELab	<a href="#">91.86, -47.65, 37.54</a>
CIELCh	<a href="#">92, 60.657, 141.769</a>
Yxy	<a href="#">80.3859, 0.3067, 0.4463</a>
Android (android.graphics.Color)	<a href="#">4288478877 (0xFF9CFE9D)</a>
YUV	<a href="#">213.6400, -27.9235, -50.5503</a>
Hunter-Lab	<a href="#">89.6582, -46.9289, 33.3314</a>

# Details

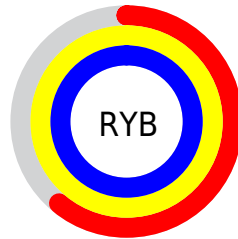
The Hex color **9CFE9D** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **FE9CFD**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **D6FFD4**, and **63C568** is the 20% darker color. If you saturate the color by 10%, you get **83FE84**, and if you desaturate by 10%, it is **B5FEB6**.

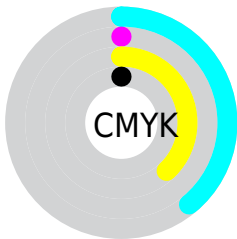
# Distribution



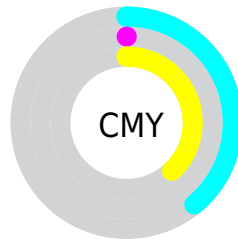
- Red (61%)
- Green (100%)
- Blue (62%)



- Red (61%)
- Yellow (99%)
- Blue (100%)



- Cyan (39%)
- Magenta (0%)
- Yellow (38%)
- Black (0%)



- Cyan (39%)
- Magenta (0%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9CFE9D 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 9CFE9D by changing the saturation by 10% instead.



 9CFE9D

 9CFE9D

FFFFFF

 80E182

 D6FFD4

 63C568

 F3FFF1

 47A94F

 278E37

 00741E

 005A01

 004200

 002C00

 000D00

 9CFE9D

 9CFE9D

 83FE84

 B5FEB6

 69FE6B

 CFFECF

 50FE52

 E8FEE8

 36FE38

FFFEFF

 1DFE1F

 04FE06

 00FE03

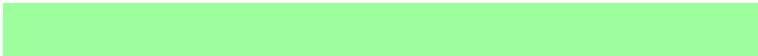
# Harmonies

## Analogous

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



E1F177



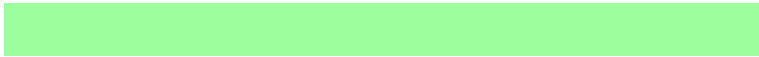
9CFE9D



28FFD5

# Triad

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



9CFE9D



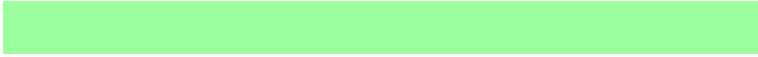
56F3FF



FFBAC0

# Complementary

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



9CFE9D



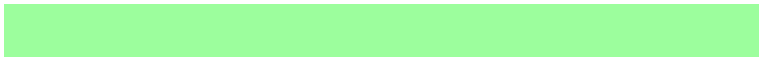
FE9CFD

# 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.



FFB9FA



9CFE9D



D3DFFF

# Square

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



9CFE9D



00FFFF



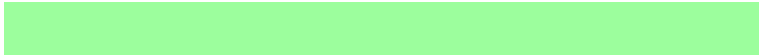
FFC8FF



FFCA8E

# Rectangle

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



9CFE9D



00FFFD



FFC8FF

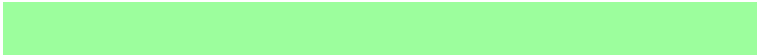


FFB7D3

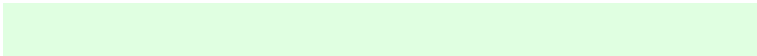


# Sweetspot

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



9CFE9D



E0FFE1



FEFE9C



6E806E



000000

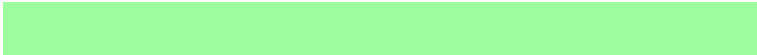


808080



# Same Dimension

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



9CFE9D



8AFF8B



9CFECD



738073



00BF02



004001



# Inverse Universe

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



FE9CFD



FF8AFE



FE9CCD



80737F



BF00BD

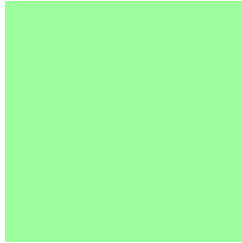


40003F



# Previews

## White Background



This preview shows how the Hex color 9CFE9D looks on a white background.

## Color Contrast Check

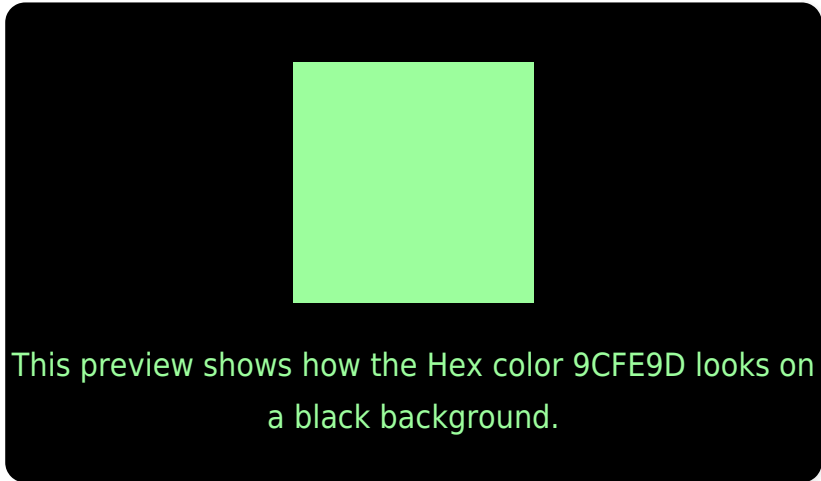
Large Text (above 18pt) WCAG AA × Fail

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 9CFE9D Background



This preview shows how black text looks on a background with the Hex color 9CFE9D.

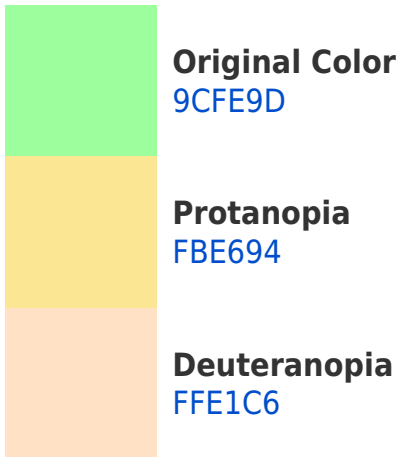


This preview shows how white text looks on a background with the Hex color 9CFE9D.

# 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

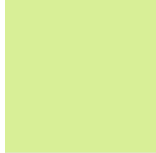




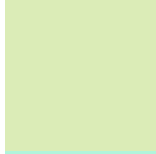
# Trichromacy



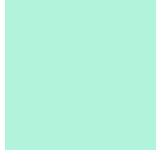
**Original Color**  
9CFE9D



**Protanomaly**  
D8EF97

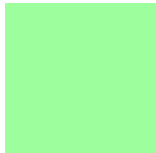


**Deuteranomaly**  
DBECB7

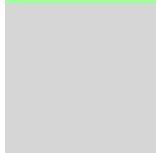


**Tritanomaly**  
B1F4DB

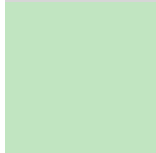
# Monochromacy



**Original Color**  
9CFE9D



**Achromatopsia**  
D6D6D6



**Achromatomaly**  
C1E5C1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9CFE9D 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 #9CFE9D looks like.

```
.text, #text, p{  
    color:#9CFE9D  
}
```

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 #9CFE9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CFE9D
}
```

## Border

The CSS property to change the border of an element to Hex 9CFE9D 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
#9CFE9D }
```

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

```
.border{ border-color:#9CFE9D }
```

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

Here you see how a box with a 4 pixel #9CFE9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CFE9D; -webkit-box-shadow:4px 4px  
4px 4px #9CFE9D; box-shadow:4px 4px 4px  
4px #9CFE9D }
```

# Background

The CSS property to change the background color of an element to Hex 9CFE9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CFE9D }
```

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

```
.background{ background-color:#9CFE9D }
```

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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