

Converting Colors

Hex(9CF79C)

Have a look what the booklet for
Hex(9CF79C) contains.

Hex(9CF79C)	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(9CF79C)

Conversions

Conversions Part 1

Format	Color
Hex	9CF79C
RGB	156, 247, 156
RGB Percent	61%, 97%, 61%
CMY	0.3882, 0.0314, 0.3882
CMYK	0.37, 0.00, 0.37, 0.03
HSL	120°, 85%, 79%
HSV	120°, 37%, 97%
XYZ	52.9718, 75.9897, 43.3281
YIQ	209.4170, -25.0250, -47.5930

Conversions

Conversions Part 2

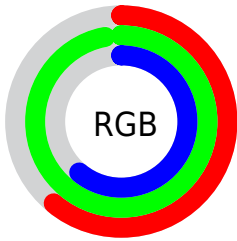
Format	Color
RYB	156, 247, 247
Decimal	10287004
CIELab	89.85, -44.80, 35.40
CIELCh	90, 57.098, 141.684
Yxy	75.9897, 0.3075, 0.4411
Android (android.graphics.Color)	4288477084 (0xFF9CF79C)
YUV	209.4170, -26.3346, -46.8467
Hunter-Lab	87.1721, -44.0822, 31.5509

Details

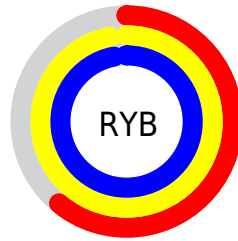
The Hex color **9CF79C** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **F79CF7**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **D5FFD3**, and **64BE68** is the 20% darker color. If you saturate the color by 10%, you get **83F783**, and if you desaturate by 10%, it is **B5F7B5**.

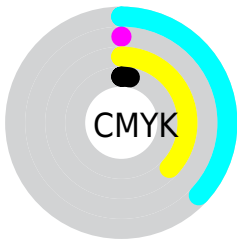
Distribution



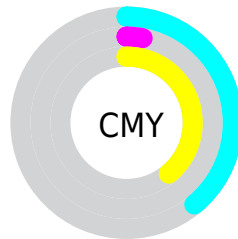
- Red (61%)
- Green (97%)
- Blue (61%)



- Red (61%)
- Yellow (97%)
- Blue (97%)



- Cyan (37%)
- Magenta (0%)
- Yellow (37%)
- Black (3%)



- Cyan (39%)
- Magenta (3%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9CF79C 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 9CF79C by changing the saturation by 10% instead.

 9CF79C

 9CF79C

FFFFFF

 80DA81

 D5FFD3

 64BE68

 F3FFF0

 48A34F

 2A8836

 006E1E

 005503

 003C00

 002800

 000000

 9CF79C

 9CF79C

 83F783

 B5F7B5

 6BF76B

 CDF7CD

 52F752

 E6F7E6

 39F739

 FFF7FF

 21F721

 08F708

 00F700

Harmonies

Analogous

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



DCEB79



9CF79C



3DFDD0

Triad

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



9CF79C



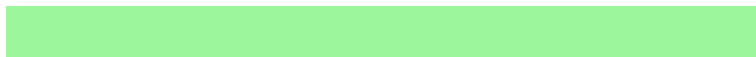
62ECFF



FFB7BD

Complementary

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



9CF79C



F79CF7

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.



FFB7F4



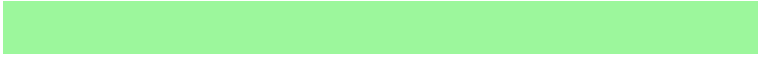
9CF79C



CFDAFF

Square

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



9CF79C



00F8FF



FFC5FF



FFC68E

Rectangle

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



9CF79C



00FEF6



FFC5FF



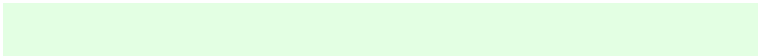
FFB5CE

Sweetspot

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



9CF79C



E3FFE3



F7F79C



6F806F



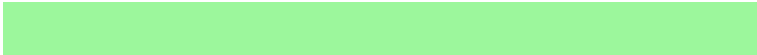
000000



808080

Same Dimension

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



9CF79C



8FFF8F



9CF7CA



6E7A6E



00BA00



003B00

Inverse Universe

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



F79CF7



FF8FFF



F79CCA



7A6E7A



BA00BA



3B003B

Previews

White Background



This preview shows how the Hex color 9CF79C looks on a white background.

Color Contrast Check

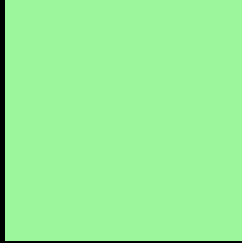
Large Text (above 18pt) WCAG AA × Fail

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 9CF79C looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

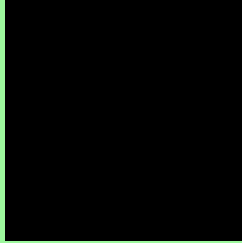
Any Text WCAG AA ✓ Pass

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 9CF79C Background



This preview shows how black text looks on a background with the Hex color 9CF79C.

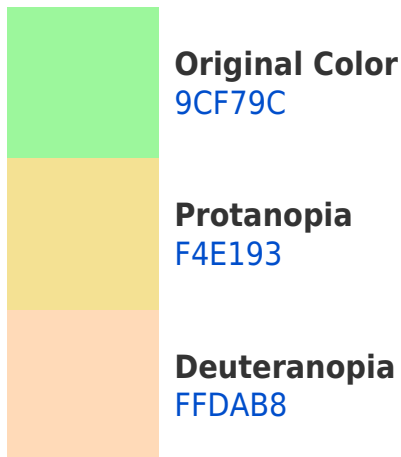


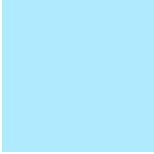
This preview shows how white text looks on a background with the Hex color 9CF79C.

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



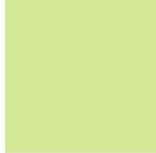


Tritanopia
AFEBFE

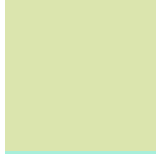
Trichromacy



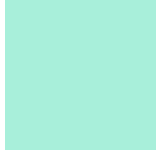
Original Color
9CF79C



Protanomaly
D4E996

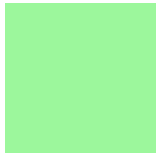


Deuteranomaly
DBE5AE

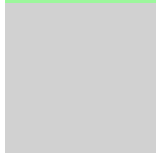


Tritanomaly
A8EFDA

Monochromacy



Original Color
9CF79C



Achromatopsia
D1D1D1



Achromatomaly
BEDFBE

CSS Examples

Text

The CSS property to change the color of the text to Hex 9CF79C 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 #9CF79C looks like.

```
.text, #text, p{  
    color:#9CF79C  
}
```

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 #9CF79C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CF79C
}
```

Border

The CSS property to change the border of an element to Hex 9CF79C 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
#9CF79C }
```

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

```
.border{ border-color:#9CF79C }
```

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

Here you see how a box with a 4 pixel #9CF79C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CF79C; -webkit-box-shadow:4px 4px  
4px 4px #9CF79C; box-shadow:4px 4px 4px  
4px #9CF79C }
```

Background

The CSS property to change the background color of an element to Hex 9CF79C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CF79C }
```

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

```
.background{ background-color:#9CF79C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor