

Converting Colors

Hex(9CF7A9)

Have a look what the booklet for
Hex(9CF7A9) contains.

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Color

Hex(9CF7A9)

Conversions

Conversions Part 1

Format	Color
Hex	9CF7A9
RGB	156, 247, 169
RGB Percent	61%, 97%, 66%
CMY	0.3882, 0.0314, 0.3373
CMYK	0.37, 0.00, 0.32, 0.03
HSL	129°, 85%, 79%
HSV	129°, 37%, 97%
XYZ	54.1325, 76.4540, 49.4401
YIQ	210.8990, -29.1980, -43.5500

Conversions

Conversions Part 2

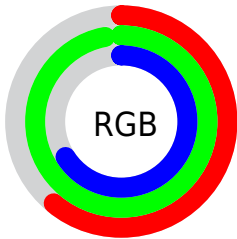
Format	Color
R _Y B	156, 236, 247
Decimal	10287017
CIE Lab	90.07, -42.74, 29.16
CIE LCh	90, 51.740, 145.701
Yxy	76.4540, 0.3007, 0.4247
Android (android.graphics.Color)	4288477097 (0xFF9CF7A9)
YUV	210.8990, -20.6562, -48.1464
Hunter-Lab	87.4380, -42.5079, 27.6822

Details

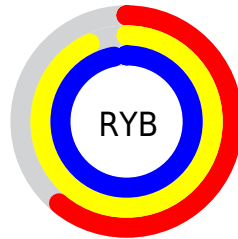
The Hex color **9CF7A9** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **F79CEA**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **D5FFE1**, and **64BE74** is the 20% darker color. If you saturate the color by 10%, you get **83F794**, and if you desaturate by 10%, it is **B5F7BE**.

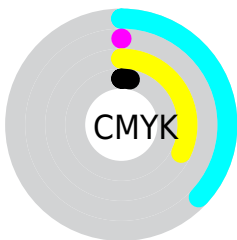
Distribution



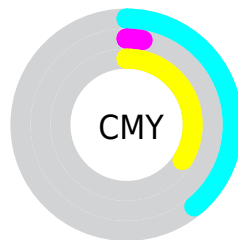
- Red (61%)
- Green (97%)
- Blue (66%)



- Red (61%)
- Yellow (93%)
- Blue (97%)



- Cyan (37%)
- Magenta (0%)
- Yellow (32%)
- Black (3%)



- Cyan (39%)
- Magenta (3%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9CF7A9 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 9CF7A9 by changing the saturation by 10% instead.

 9CF7A9

 9CF7A9

FFFFFF

 80DA8E

 D5FFE1

 64BE74

 F3FFFD

 49A35B

 2B8843

 006E2B

 005514

 003D00

 002800

 000000

 9CF7A9

 9CF7A9

 83F794

 B5F7BE

 6BF77F

 CDF7D3

 52F769

 E6F7E9

 39F754

 FFF7FE

 21F73F

 FFF7FF

 08F72A

 00F723

Harmonies

Analogous

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



D7ED87



9CF7A9



50FCD9

Triad

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



9CF7A9



88EAFF



FFBEBA

Complementary

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



9CF7A9



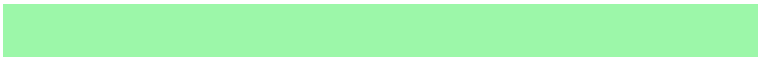
F79CEA

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.



FFBCEC



9CF7A9



DDD8FF

Square

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



9CF7A9



00F6FF



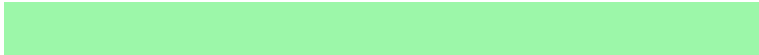
FFC6FF



FFCC92

Rectangle

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



9CF7A9



00DFDC



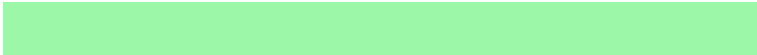
FFC6FF



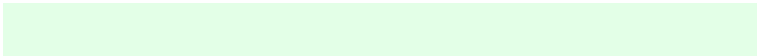
FFBCCA

Sweetspot

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



9CF7A9



E3FFE7



EBF79C



6F8071



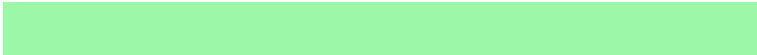
000000



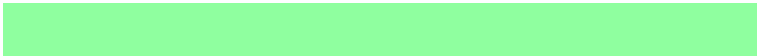
808080

Same Dimension

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



9CF7A9



8FFF9F



9CF7D6



6E7A70



00BA1B



003B08

Inverse Universe

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



F79CEA



FF8FEF



F79CBD



7A6E79



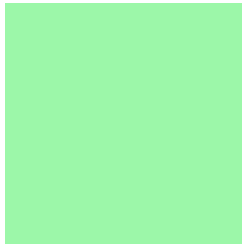
BA00A0



3B0032

Previews

White Background



This preview shows how the Hex color 9CF7A9 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 9CF7A9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

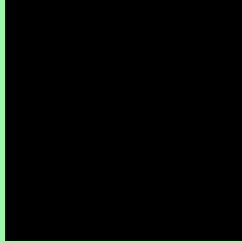
Any Text WCAG AA ✓ Pass

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 9CF7A9 Background



This preview shows how black text looks on a background with the Hex color 9CF7A9.

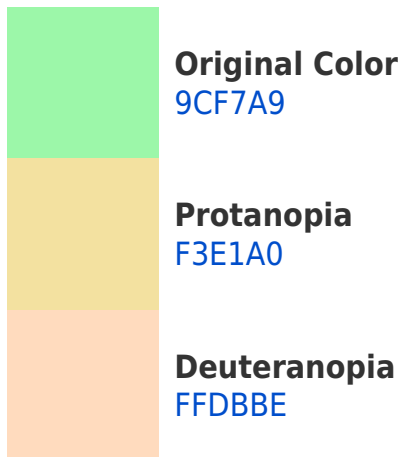


This preview shows how white text looks on a background with the Hex color 9CF7A9.

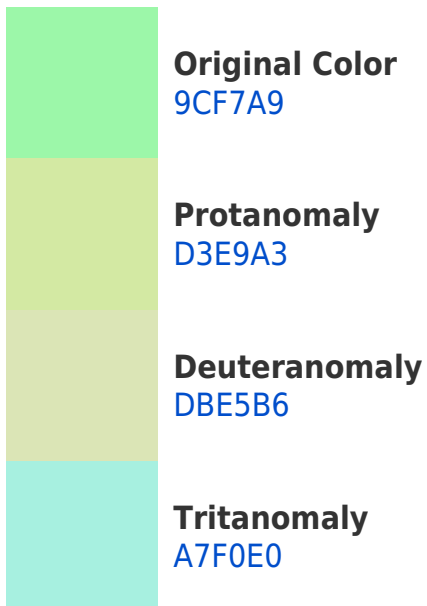
Color Blindness Simulation

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](#).

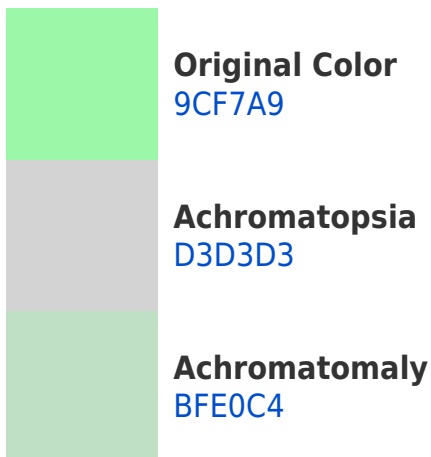
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9CF7A9 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 #9CF7A9 looks like.

```
.text, #text, p{  
    color:#9CF7A9  
}
```

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 #9CF7A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CF7A9
}
```

Border

The CSS property to change the border of an element to Hex 9CF7A9 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
#9CF7A9 }
```

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

```
.border{ border-color:#9CF7A9 }
```

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

Here you see how a box with a 4 pixel #9CF7A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CF7A9; -webkit-box-shadow:4px 4px  
4px 4px #9CF7A9; box-shadow:4px 4px 4px  
4px #9CF7A9 }
```

Background

The CSS property to change the background color of an element to Hex 9CF7A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CF7A9 }
```

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

```
.background{ background-color:#9CF7A9 }
```

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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