

Converting Colors

Hex(9FE2A9)

Have a look what the booklet for
Hex(9FE2A9) contains.

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Color

Hex(9FE2A9)

Conversions

Conversions Part 1

Format	Color
Hex	9FE2A9
RGB	159, 226, 169
RGB Percent	62%, 89%, 66%
CMY	0.3765, 0.1137, 0.3373
CMYK	0.30, 0.00, 0.25, 0.11
HSL	129°, 54%, 75%
HSV	129°, 30%, 89%
XYZ	48.6559, 64.6282, 47.4462
YIQ	199.4690, -21.6350, -31.9310

Conversions

Conversions Part 2

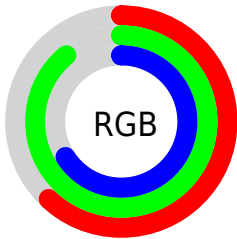
Format	Color
RYB	159, 217, 226
Decimal	10478249
CIELab	84.29, -32.31, 21.29
CIELCh	84, 38.697, 146.622
Yxy	64.6282, 0.3027, 0.4021
Android (android.graphics.Color)	4288668329 (0xFF9FE2A9)
YUV	199.4690, -15.0212, -35.4913
Hunter-Lab	80.3917, -32.6510, 21.2819

Details

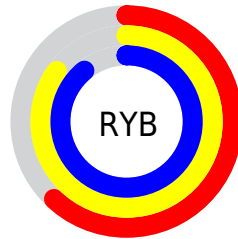
The Hex color **9FE2A9** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **E29FD8**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **D7FFE0**, and **69AA75** is the 20% darker color. If you saturate the color by 10%, you get **88E296**, and if you desaturate by 10%, it is **B6E2BC**.

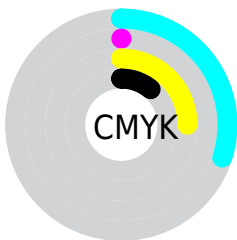
Distribution



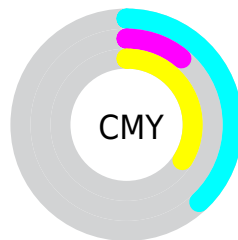
- Red (62%)
- Green (89%)
- Blue (66%)



- Red (62%)
- Yellow (85%)
- Blue (89%)



- Cyan (30%)
- Magenta (0%)
- Yellow (25%)
- Black (11%)



- Cyan (38%)
- Magenta (11%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9FE2A9 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 9FE2A9 by changing the saturation by 10% instead.

 9FE2A9

 9FE2A9

FFFFFF

 84C68E

 D7FFE0

 69AA75

 F4FFFD

 4F905C

 357644

 1A5C2D

 004417

 002D00

 001800

 000000

 9FE2A9

 9FE2A9

 88E296

 B6E2BC

 72E283

 CCE2CF

 5BE26F

 E3E2E3

 45E25C

 F9E2F6

 2EE249

 FFE2FF

 17E236

 01E222

 00E222

Harmonies

Analogous

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



CADA90



9FE2A9



73E6CD

Triad

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



9FE2A9



9AD7FF



FFB9B3

Complementary

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



9FE2A9



E29FD8

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.



FFB7D8



9FE2A9



D1CAFF

Square

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



9FE2A9



65E1FF



FDBEFB



FFC297

Rectangle

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



9FE2A9



5BE6E6



FDBEFB



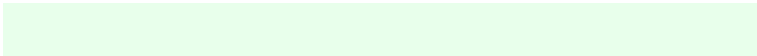
FFB7BF

Sweetspot

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



9FE2A9



E8FFEB



D9E29F



718074



000000



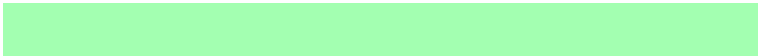
808080

Same Dimension

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



9FE2A9



A3FFB1



9FE2C9



657067



00B01A



003007

Inverse Universe

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



E29FD8



FFA3F1



E29FB8



70656F



B00096



300029

Previews

White Background



This preview shows how the Hex color 9FE2A9 looks on a white background.

Color Contrast Check

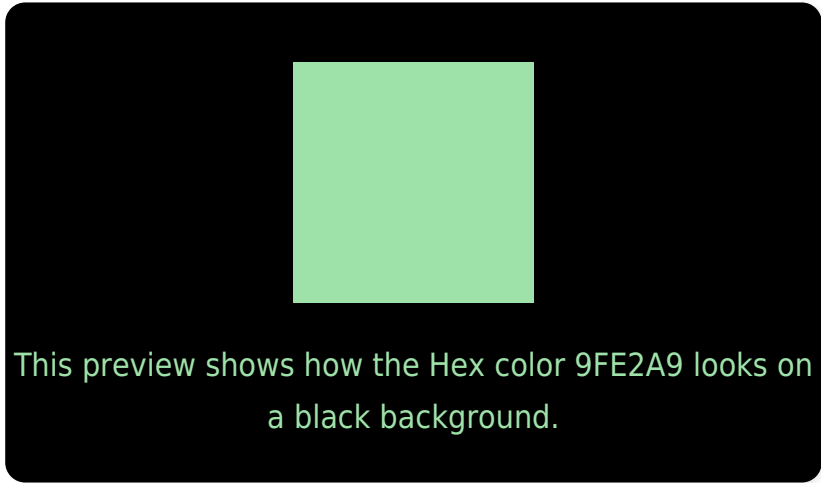
Large Text (above 18pt) WCAG AA × Fail

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

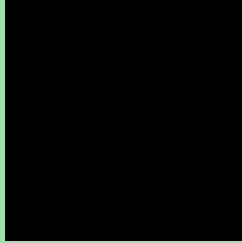
Any Text WCAG AA ✓ Pass

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 9FE2A9 Background



This preview shows how black text looks on a background with the Hex color 9FE2A9.

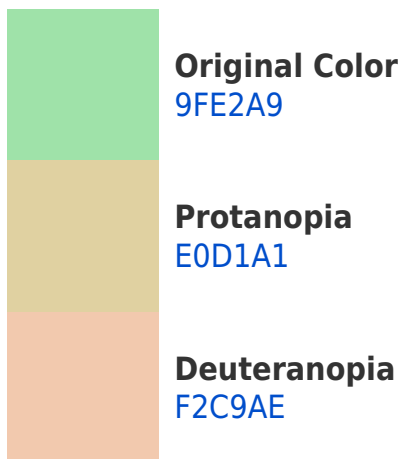


This preview shows how white text looks on a background with the Hex color 9FE2A9.

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



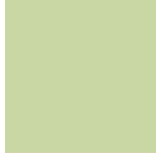


Tritanopia
ABD9EB

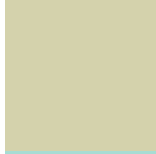
Trichromacy



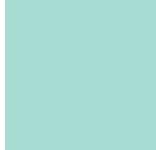
Original Color
9FE2A9



Protanomaly
C8D7A4



Deuteranomaly
D4D2AC

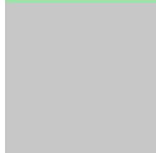


Tritanomaly
A7DCD3

Monochromacy



Original Color
9FE2A9



Achromatopsia
C7C7C7



Achromatomaly
B8D1BC

CSS Examples

Text

The CSS property to change the color of the text to Hex 9FE2A9 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 #9FE2A9 looks like.

```
.text, #text, p{  
    color:#9FE2A9  
}
```

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 #9FE2A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FE2A9
}
```

Border

The CSS property to change the border of an element to Hex 9FE2A9 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
#9FE2A9 }
```

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

```
.border{ border-color:#9FE2A9 }
```

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

Here you see how a box with a 4 pixel #9FE2A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FE2A9; -webkit-box-shadow:4px 4px  
4px 4px #9FE2A9; box-shadow:4px 4px 4px  
4px #9FE2A9 }
```

Background

The CSS property to change the background color of an element to Hex 9FE2A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FE2A9 }
```

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

```
.background{ background-color:#9FE2A9 }
```

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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