

Converting Colors

Hex(9CF8AD)

Have a look what the booklet for
Hex(9CF8AD) contains.

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Color

Hex(9CF8AD)

Conversions

Conversions Part 1

Format	Color
Hex	9CF8AD
RGB	156, 248, 173
RGB Percent	61%, 97%, 68%
CMY	0.3882, 0.0275, 0.3216
CMYK	0.37, 0.00, 0.30, 0.03
HSL	131°, 87%, 79%
HSV	131°, 37%, 97%
XYZ	54.8205, 77.2199, 51.5507
YIQ	211.9420, -30.7570, -42.8290

Conversions

Conversions Part 2

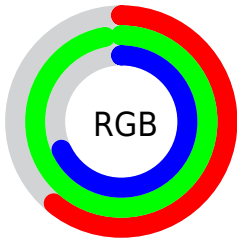
Format	Color
RYB	156, 234, 248
Decimal	10287277
CIELab	90.42, -42.52, 27.61
CIELCh	90, 50.693, 147.002
Yxy	77.2199, 0.2986, 0.4206
Android (android.graphics.Color)	4288477357 (0xFF9CF8AD)
YUV	211.9420, -19.1984, -49.0611
Hunter-Lab	87.8748, -42.4241, 26.7306

Details

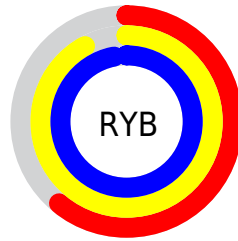
The Hex color **9CF8AD** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **F89CE7**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **D5FFE5**, and **64BF78** is the 20% darker color. If you saturate the color by 10%, you get **83F899**, and if you desaturate by 10%, it is **B5F8C1**.

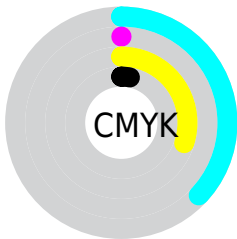
Distribution



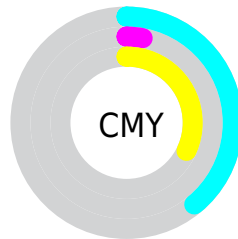
- Red (61%)
- Green (97%)
- Blue (68%)



- Red (61%)
- Yellow (92%)
- Blue (97%)



- Cyan (37%)
- Magenta (0%)
- Yellow (30%)
- Black (3%)



- Cyan (39%)
- Magenta (3%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9CF8AD 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 9CF8AD by changing the saturation by 10% instead.

 9CF8AD

 9CF8AD

FFFFFF

 80DB92

 D5FFE5

 64BF78

 F3FFFF

 48A45F

 2B8947

 006F2F

 005618

 003D00

 002800

 000300

 9CF8AD

 9CF8AD

 83F899

 B5F8C1

 6AF885

 CEF8D5

 52F870

 E6F8EA

 39F85C

 FFF8FE

 20F848

 FFF8FF

 07F834

 00F82E

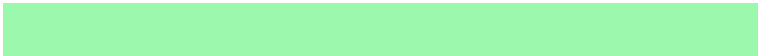
Harmonies

Analogous

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



D6EE8B



9CF8AD



53FDDD

Triad

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



9CF8AD



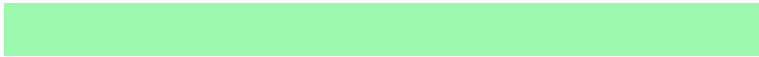
90EAFB



FFC0BA

Complementary

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



9CF8AD



F89CE7

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.



FFBDEA



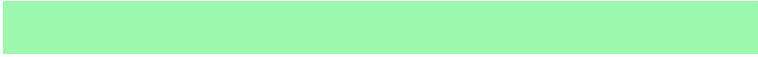
9CF8AD



E1D9FF

Square

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



9CF8AD



0DF6FF



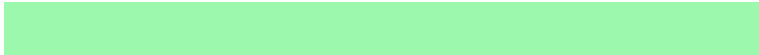
FFC7FF



FFCE94

Rectangle

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



9CF8AD



00DFE



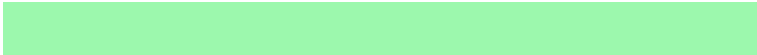
FFC7FF



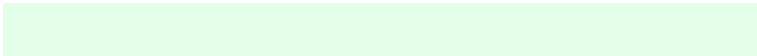
FFBECA

Sweetspot

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



9CF8AD



E3FFE8



E7F89C



6F8072



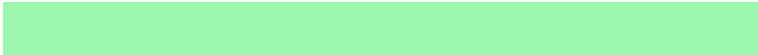
000000



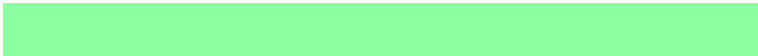
808080

Same Dimension

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



9CF8AD



8CFFA1



9CF8DB



707D73



00BD23



003D0B

Inverse Universe

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



F89CE7



FF8CEA



F89CB9



7D707B



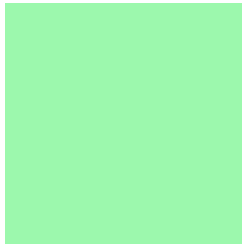
BD009A



3D0032

Previews

White Background



This preview shows how the Hex color 9CF8AD looks on a white background.

Color Contrast Check

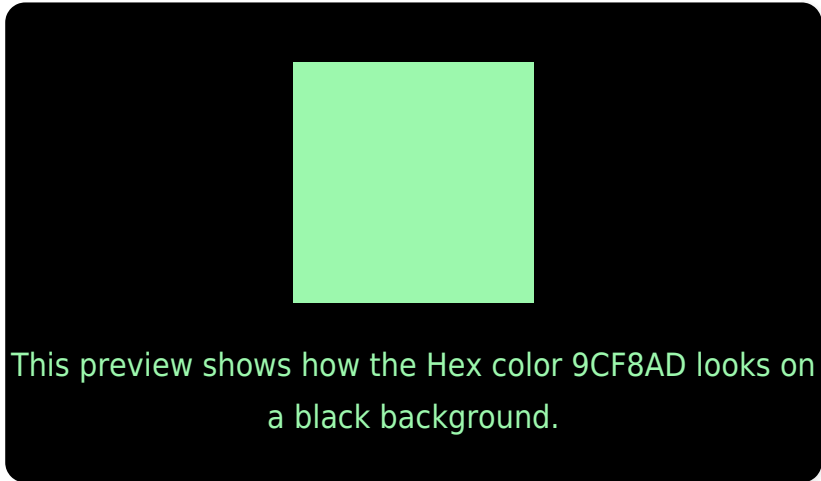
Large Text (above 18pt) WCAG AA × Fail

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

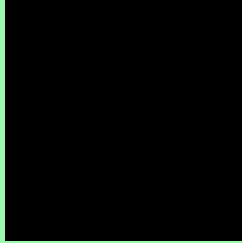
Any Text WCAG AA ✓ Pass

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 9CF8AD Background



This preview shows how black text looks on a background with the Hex color 9CF8AD.

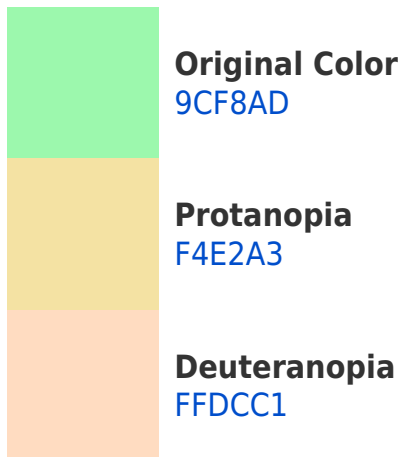


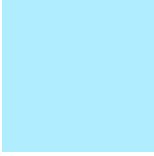
This preview shows how white text looks on a background with the Hex color 9CF8AD.

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



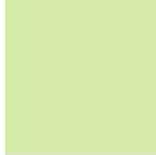


Tritanopia
B0EDFF

Trichromacy



Original Color
9CF8AD



Protanomaly
D4EAA7



Deuteranomaly
DBE6BA



Tritanomaly
A9F1E1

Monochromacy



Original Color
9CF8AD



Achromatopsia
D4D4D4



Achromatomaly
C0E1C6

CSS Examples

Text

The CSS property to change the color of the text to Hex 9CF8AD 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 #9CF8AD looks like.

```
.text, #text, p{  
    color:#9CF8AD  
}
```

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 #9CF8AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CF8AD
}
```

Border

The CSS property to change the border of an element to Hex 9CF8AD 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
#9CF8AD }
```

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

```
.border{ border-color:#9CF8AD }
```

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

Here you see how a box with a 4 pixel #9CF8AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CF8AD; -webkit-box-shadow:4px 4px  
4px 4px #9CF8AD; box-shadow:4px 4px 4px  
4px #9CF8AD }
```

Background

The CSS property to change the background color of an element to Hex 9CF8AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CF8AD }
```

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

```
.background{ background-color:#9CF8AD }
```

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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