

Converting Colors

Hex(9DF8A3)

Have a look what the booklet for
Hex(9DF8A3) contains.

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Color

Hex(9DF8A3)

Conversions

Conversions Part 1

Format	Color
Hex	9DF8A3
RGB	157, 248, 163
RGB Percent	62%, 97%, 64%
CMY	0.3843, 0.0275, 0.3608
CMYK	0.37, 0.00, 0.34, 0.03
HSL	124°, 87%, 79%
HSV	124°, 37%, 97%
XYZ	54.0829, 76.9472, 46.6522
YIQ	211.1010, -26.9510, -45.7270

Conversions

Conversions Part 2

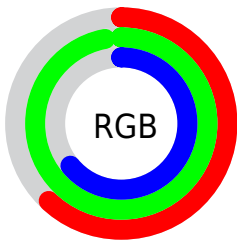
Format	Color
RYB	157, 242, 248
Decimal	10352803
CIELab	90.30, -43.85, 32.49
CIElCh	90, 54.578, 143.460
Yxy	76.9472, 0.3044, 0.4331
Android (android.graphics.Color)	4288542883 (0xFF9DF8A3)
YUV	211.1010, -23.7138, -47.4466
Hunter-Lab	87.7196, -43.4563, 29.8713

Details

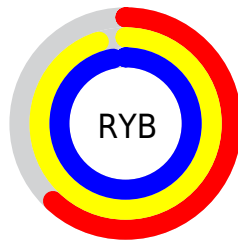
The Hex color **9DF8A3** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **F89DF2**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **D6FFDA**, and **65BF6E** is the 20% darker color. If you saturate the color by 10%, you get **84F88C**, and if you desaturate by 10%, it is **B6F8BA**.

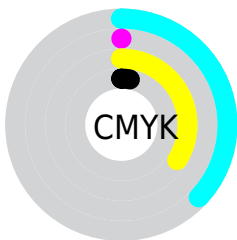
Distribution



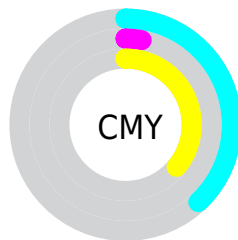
- Red (62%)
- Green (97%)
- Blue (64%)



- Red (62%)
- Yellow (95%)
- Blue (97%)



- Cyan (37%)
- Magenta (0%)
- Yellow (34%)
- Black (3%)



- Cyan (38%)
- Magenta (3%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DF8A3 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 9DF8A3 by changing the saturation by 10% instead.

 9DF8A3

 9DF8A3

FFFFFF

 81DB88

 D6FFDA

 65BF6E

 F4FFF7

 49A355

 2C893D

 006F25

 00560D

 003D00

 002900

 000200

 9DF8A3

 9DF8A3

 84F88C

 B6F8BA

 6BF875

 CFF8D1

 53F85E

 E7F8E8

 3AF846

 FFF8FF

 21F82F

 08F818

 00F810

Harmonies

Analogous

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



DBED81



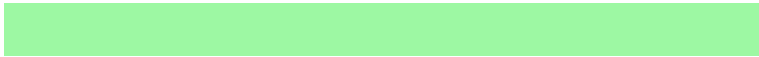
9DF8A3



48FED6

Triad

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



9DF8A3



77ECFF



FFBCBC

Complementary

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



9DF8A3



F89DF2

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.



FFBAF1



9DF8A3



D7DAFF

Square

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



9DF8A3



00F8FF



FFC7FF



FFCA91

Rectangle

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



9DF8A3



00FFFA



FFC7FF



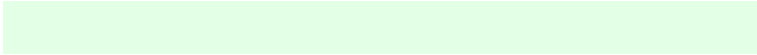
FFB9CD

Sweetspot

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



9DF8A3



E3FFE5



F3F89D



6F8070



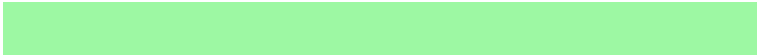
000000



808080

Same Dimension

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



9DF8A3



8FFF96



9DF8CF



707D71



00BD0C



003D04

Inverse Universe

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



F89DF2



FF8FF8



F89DC6



7D707C



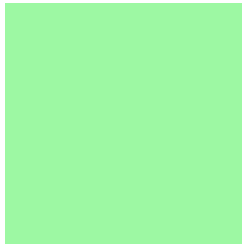
BD00B0



3D0039

Previews

White Background



This preview shows how the Hex color 9DF8A3 looks on a white background.

Color Contrast Check

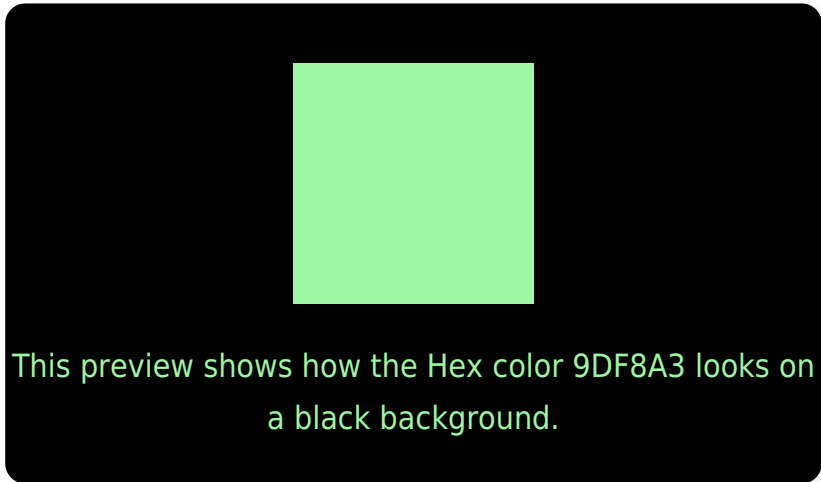
Large Text (above 18pt) WCAG AA × Fail

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

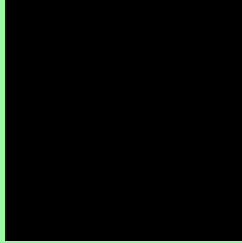
Any Text WCAG AA ✓ Pass

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 9DF8A3 Background



This preview shows how black text looks on a background with the Hex color 9DF8A3.

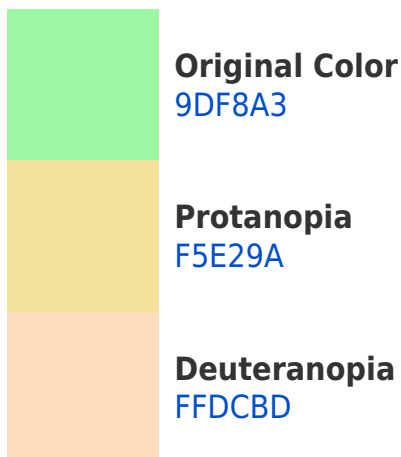


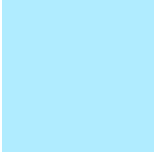
This preview shows how white text looks on a background with the Hex color 9DF8A3.

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



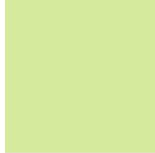


Tritanopia
B0ECFF

Trichromacy



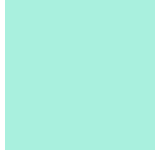
Original Color
9DF8A3



Protanomaly
D5EA9D



Deuteranomaly
DBE6B4

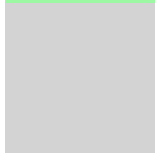


Tritanomaly
A9F0DE

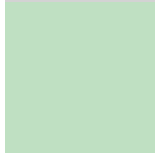
Monochromacy



Original Color
9DF8A3



Achromatopsia
D3D3D3



Achromatomaly
BFE0C2

CSS Examples

Text

The CSS property to change the color of the text to Hex 9DF8A3 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 #9DF8A3 looks like.

```
.text, #text, p{  
    color:#9DF8A3  
}
```

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 #9DF8A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DF8A3
}
```

Border

The CSS property to change the border of an element to Hex 9DF8A3 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
#9DF8A3 }
```

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

```
.border{ border-color:#9DF8A3 }
```

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

Here you see how a box with a 4 pixel #9DF8A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DF8A3; -webkit-box-shadow:4px 4px  
4px 4px #9DF8A3; box-shadow:4px 4px 4px  
4px #9DF8A3 }
```

Background

The CSS property to change the background color of an element to Hex 9DF8A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DF8A3 }
```

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

```
.background{ background-color:#9DF8A3 }
```

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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