

Converting Colors

Hex(9FFAA3)

Have a look what the booklet for
Hex(9FFAA3) contains.

Hex(9FFAA3)	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(9FFAA3)

Conversions

Conversions Part 1

Format	Color
Hex	9FFAA3
RGB	159, 250, 163
RGB Percent	62%, 98%, 64%
CMY	0.3765, 0.0196, 0.3608
CMYK	0.36, 0.00, 0.35, 0.02
HSL	123°, 90%, 80%
HSV	123°, 36%, 98%
XYZ	55.0945, 78.3865, 46.8767
YIQ	212.8730, -26.3090, -46.3490

Conversions

Conversions Part 2

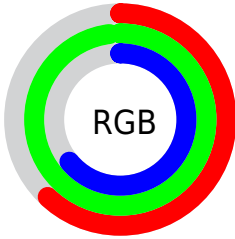
Format	Color
RYB	159, 246, 250
Decimal	10484387
CIELab	90.96, -44.12, 33.39
CIElCh	91, 55.331, 142.884
Yxy	78.3865, 0.3055, 0.4346
Android (android.graphics.Color)	4288674467 (0xFF9FFAA3)
YUV	212.8730, -24.5874, -47.2466
Hunter-Lab	88.5361, -43.8607, 30.5834

Details

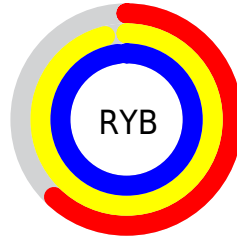
The Hex color **9FFAA3** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **FA9FF6**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **D8FFDB**, and **67C16E** is the 20% darker color. If you saturate the color by 10%, you get **86FA8B**, and if you desaturate by 10%, it is **B8FABB**.

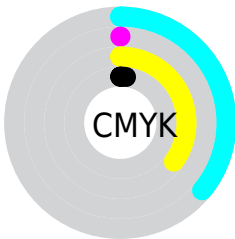
Distribution



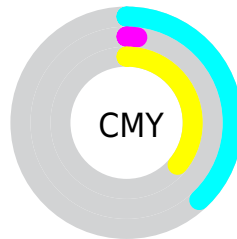
- Red (62%)
- Green (98%)
- Blue (64%)



- Red (62%)
- Yellow (96%)
- Blue (98%)



- Cyan (36%)
- Magenta (0%)
- Yellow (35%)
- Black (2%)



- Cyan (38%)
- Magenta (2%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9FFAA3 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 9FFAA3 by changing the saturation by 10% instead.

 9FFAA3

FFFFFF

 D8FFDB

 F6FFF7

 9FFAA3

 83DD88

 67C16E

 4BA555

 2E8B3D

 037025

 00570C

 003F00

 002A00

 000700

 9FFAA3

 9FFAA3

 86FA8B

 B8FABB

 6DFA73

 D1FAD3

 54FA5B

 EAFAEB

 3BFA43

 FFFAFF

 22FA2B

 09FA14

 00FA0B

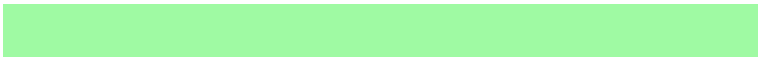
Harmonies

Analogous

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



DDEE81



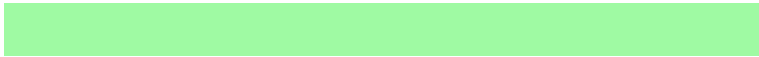
9FFAA3



48FFD6

Triad

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



9FFAA3



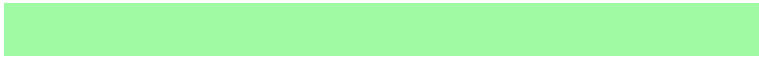
74EEFF



FFBDBF

Complementary

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



9FFAA3



FA9FF6

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.



FFBBF4



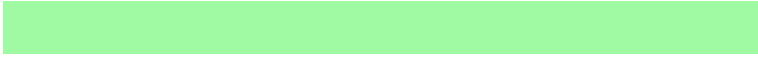
9FFAA3



D7DCFF

Square

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



9FFAA3



00FBFF



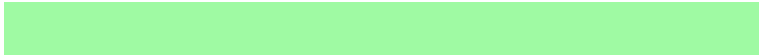
FFC8FF



FFCB92

Rectangle

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



9FFAA3



00FFFB



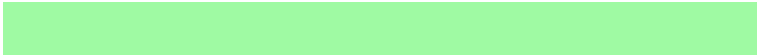
FFC8FF



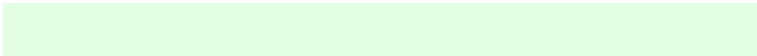
FFBAD0

Sweetspot

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



9FFAA3



E3FFE4



F7FA9F



6F8070



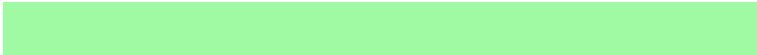
000000



808080

Same Dimension

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



9FFAA3



8FFF94



9FFAD0



707D71



00BD08



003D03

Inverse Universe

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



FA9FF6



FF8FFA



FA9FC9



7D707C



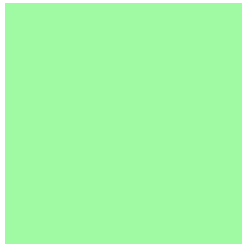
BD00B4



3D003B

Previews

White Background



This preview shows how the Hex color 9FFAA3 looks on a white background.

Color Contrast Check

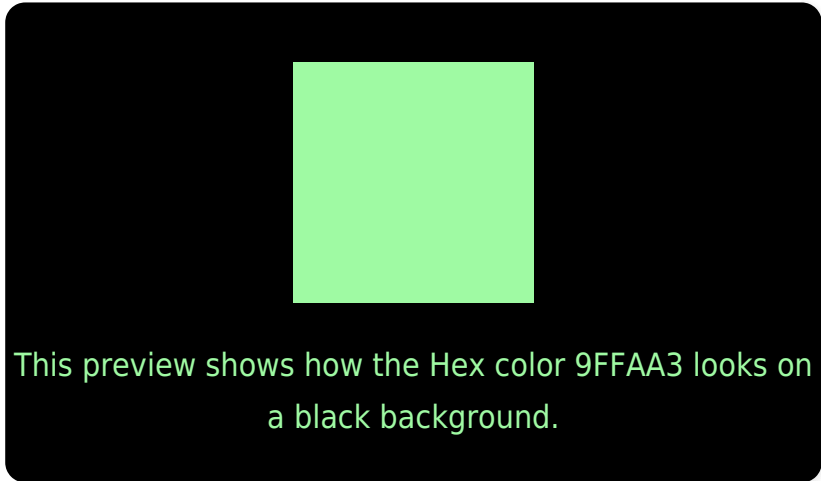
Large Text (above 18pt) WCAG AA × Fail

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

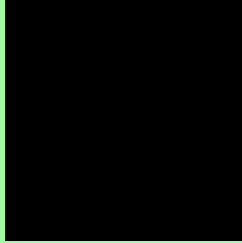
Any Text WCAG AA ✓ Pass

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 9FFAA3 Background



This preview shows how black text looks on a background with the Hex color 9FFAA3.

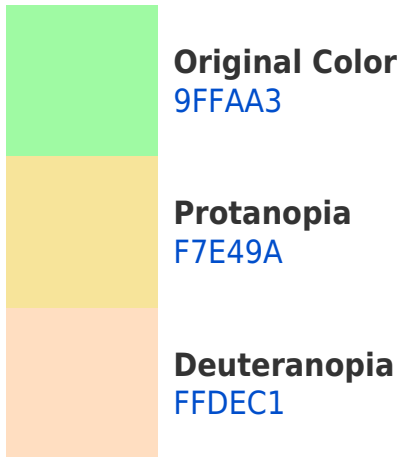


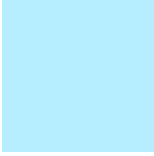
This preview shows how white text looks on a background with the Hex color 9FFAA3.

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



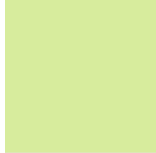


Tritanopia
B6EDFF

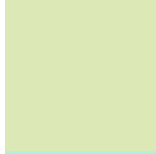
Trichromacy



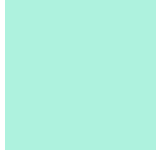
Original Color
9FFAA3



Protanomaly
D7EC9D

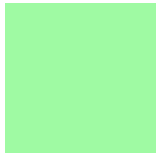


Deuteranomaly
DCE8B6

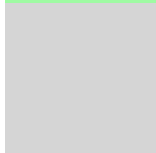


Tritanomaly
AEF2DE

Monochromacy



Original Color
9FFAA3



Achromatopsia
D5D5D5



Achromatomaly
C1E2C3

CSS Examples

Text

The CSS property to change the color of the text to Hex 9FFAA3 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 #9FFAA3 looks like.

```
.text, #text, p{  
    color:#9FFAA3  
}
```

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 #9FFAA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FFAA3  
}
```

Border

The CSS property to change the border of an element to Hex 9FFAA3 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  
#9FFAA3 }
```

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

```
.border{ border-color:#9FFAA3 }
```

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

Here you see how a box with a 4 pixel #9FFAA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FFAA3; -webkit-box-shadow:4px 4px  
4px 4px #9FFAA3; box-shadow:4px 4px 4px  
4px #9FFAA3 }
```

Background

The CSS property to change the background color of an element to Hex 9FFAA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FFAA3 }
```

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

```
.background{ background-color:#9FFAA3 }
```

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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