

Converting Colors

Hex(94F7AE)

Have a look what the booklet for
Hex(94F7AE) contains.

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Color

Hex(94F7AE)

Conversions

Conversions Part 1

Format	Color
Hex	94F7AE
RGB	148, 247, 174
RGB Percent	58%, 97%, 68%
CMY	0.4196, 0.0314, 0.3176
CMYK	0.40, 0.00, 0.30, 0.03
HSL	136°, 86%, 77%
HSV	136°, 40%, 97%
XYZ	53.1135, 75.8734, 51.8901
YIQ	209.0770, -35.5710, -43.6910

Conversions

Conversions Part 2

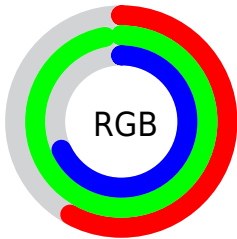
Format	Color
RYB	148, 226, 247
Decimal	9762734
CIELab	89.80, -44.20, 26.19
CIElCh	90, 51.379, 149.348
Yxy	75.8734, 0.2936, 0.4195
Android (android.graphics.Color)	4287952814 (0xFF94F7AE)
YUV	209.0770, -17.2930, -53.5645
Hunter-Lab	87.1054, -43.5919, 25.6537

Details

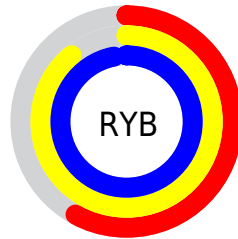
The Hex color **94F7AE** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **F794DD**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **CDFE6**, and **5CBE79** is the 20% darker color. If you saturate the color by 10%, you get **7BF79C**, and if you desaturate by 10%, it is **ADF7C0**.

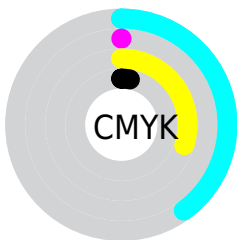
Distribution



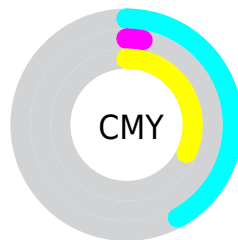
- Red (58%)
- Green (97%)
- Blue (68%)



- Red (58%)
- Yellow (89%)
- Blue (97%)



- Cyan (40%)
- Magenta (0%)
- Yellow (30%)
- Black (3%)



- Cyan (42%)
- Magenta (3%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 94F7AE 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 94F7AE by changing the saturation by 10% instead.

 94F7AE

 94F7AE

FFFFFF

 78DA93

 CDFFE6

 5CBE79

 EBFFFF

 3FA260

 1D8848

 006E30

 00551A

 003C01

 002700

 000000

 94F7AE

 94F7AE

 7BF79C

 ADF7C0

 63F78A

 C5F7D2

 4AF777

 DEF7E5

 31F765

 F7F7F7

 19F753

 FFF7FF

 00F741

Harmonies

Analogous

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



D0ED8A



94F7AE



44FBDF

Triad

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



94F7AE



94E7FF



FFBFB4

Complementary

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



94F7AE



F794DD

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.



FFBBE5



94F7AE



E5D5FF

Square

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



94F7AE



03F4FF



FFC4FF



FFCD8E

Rectangle

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



94F7AE



00FCFF



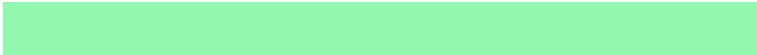
FFC4FF



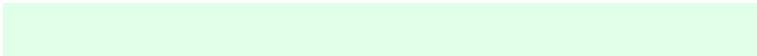
FFBCC4

Sweetspot

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



94F7AE



E0FFE8



DEF794



6E8072



000000



808080

Same Dimension

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



94F7AE



85FFA5



94F7DE



6E7A71



00BA31



003B0F

Inverse Universe

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



F794DD



FF85DF



F794AD



7A6E77



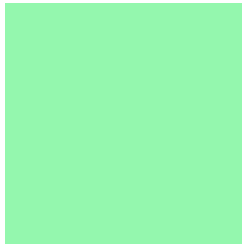
BA0089



3B002B

Previews

White Background



This preview shows how the Hex color 94F7AE looks on a white background.

Color Contrast Check

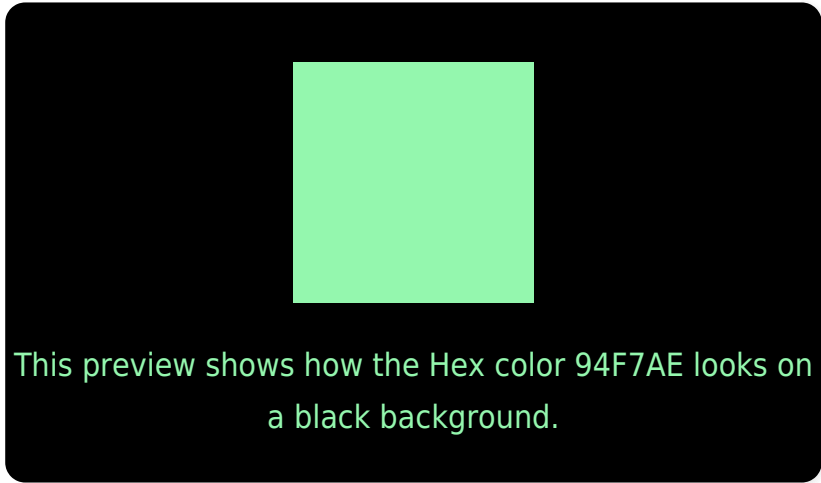
Large Text (above 18pt) WCAG AA × Fail

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

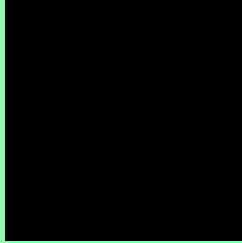
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

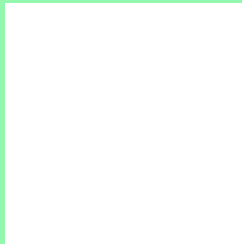
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 94F7AE Background



This preview shows how black text looks on a background with the Hex color 94F7AE.

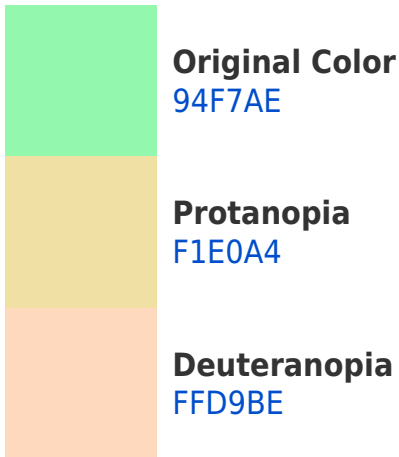


This preview shows how white text looks on a background with the Hex color 94F7AE.

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



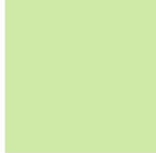


Tritanopia
A7ECFF

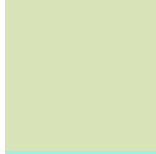
Trichromacy



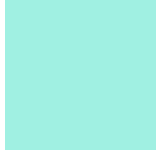
Original Color
94F7AE



Protanomaly
CFE8A8

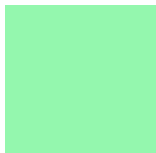


Deuteranomaly
D8E4B8

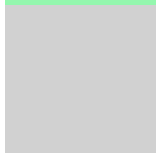


Tritanomaly
A0F0E2

Monochromacy



Original Color
94F7AE



Achromatopsia
D1D1D1



Achromatomaly
BBDFC4

CSS Examples

Text

The CSS property to change the color of the text to Hex 94F7AE 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 #94F7AE looks like.

```
.text, #text, p{  
    color:#94F7AE  
}
```

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 #94F7AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94F7AE
}
```

Border

The CSS property to change the border of an element to Hex 94F7AE 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
#94F7AE }
```

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

```
.border{ border-color:#94F7AE }
```

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

Here you see how a box with a 4 pixel #94F7AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94F7AE; -webkit-box-shadow:4px 4px  
4px 4px #94F7AE; box-shadow:4px 4px 4px  
4px #94F7AE }
```

Background

The CSS property to change the background color of an element to Hex 94F7AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94F7AE }
```

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

```
.background{ background-color:#94F7AE }
```

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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