

Converting Colors

Hex(91F8AE)

Have a look what the booklet for
Hex(91F8AE) contains.

Hex(91F8AE)	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(91F8AE)

Conversions

Conversions Part 1

Format	Color
Hex	91F8AE
RGB	145, 248, 174
RGB Percent	57%, 97%, 68%
CMY	0.4314, 0.0275, 0.3176
CMYK	0.42, 0.00, 0.30, 0.03
HSL	137°, 88%, 77%
HSV	137°, 42%, 97%
XYZ	52.8844, 76.2105, 51.9672
YIQ	208.7670, -37.6340, -44.8500

Conversions

Conversions Part 2

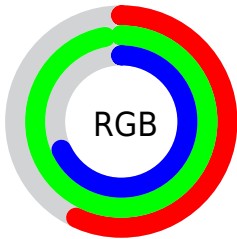
Format	Color
RYB	145, 225, 248
Decimal	9566382
CIELab	89.96, -45.47, 26.39
CIELCh	90, 52.569, 149.871
Yxy	76.2105, 0.2921, 0.4209
Android (android.graphics.Color)	4287756462 (0xFF91F8AE)
YUV	208.7670, -17.1401, -55.9237
Hunter-Lab	87.2986, -44.6395, 25.8149

Details

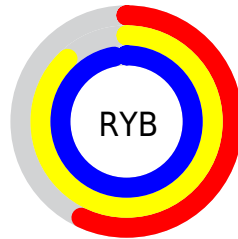
The Hex color **91F8AE** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **F891DB**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **CBFFE6**, and **58BF79** is the 20% darker color. If you saturate the color by 10%, you get **78F89C**, and if you desaturate by 10%, it is **AAF8C0**.

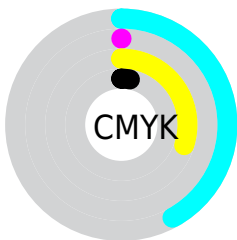
Distribution



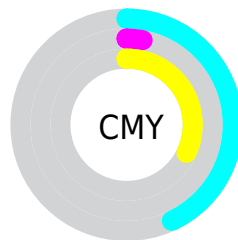
- Red (57%)
- Green (97%)
- Blue (68%)



- Red (57%)
- Yellow (88%)
- Blue (97%)



- Cyan (42%)
- Magenta (0%)
- Yellow (30%)
- Black (3%)



- Cyan (43%)
- Magenta (3%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 91F8AE 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 91F8AE by changing the saturation by 10% instead.

 91F8AE

 91F8AE

FFFFFF

 75DB93

 CBFFE6

 58BF79

 E8FFFF

 3AA360

 168948

 006E30

 00551A

 003D01

 002800

 000000

 91F8AE

 91F8AE

 78F89C

 AAF8C0

 5FF88A

 C3F8D2

 47F879

 DBF8E3

 2EF867

 F4F8F5

 15F855

 FFF8FF

 00F846

Harmonies

Analogous

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



CEEE89



91F8AE



3AFCE0

Triad

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



91F8AE



93E7FF



FFBEB3

Complementary

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



91F8AE



F891DB

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.



FFBAE4



91F8AE



E7D5FF

Square

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



91F8AE



00F5FF



FFC3FF



FFCD8C

Rectangle

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



91F8AE



00FCFF



FFC3FF



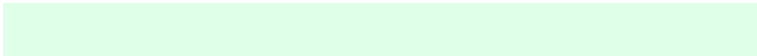
FFBBC3

Sweetspot

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



91F8AE



E0FFE9



DDF891



6E8073



000000



808080

Same Dimension

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



91F8AE



80FFA3



91F8E0



707D74



00BD35



003D11

Inverse Universe

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



F891DB



FF80DB



F891A9



7D7079



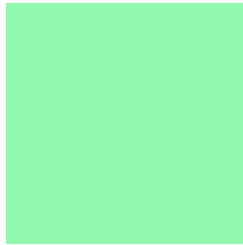
BD0088



3D002C

Previews

White Background



This preview shows how the Hex color 91F8AE looks on a white background.

Color Contrast Check

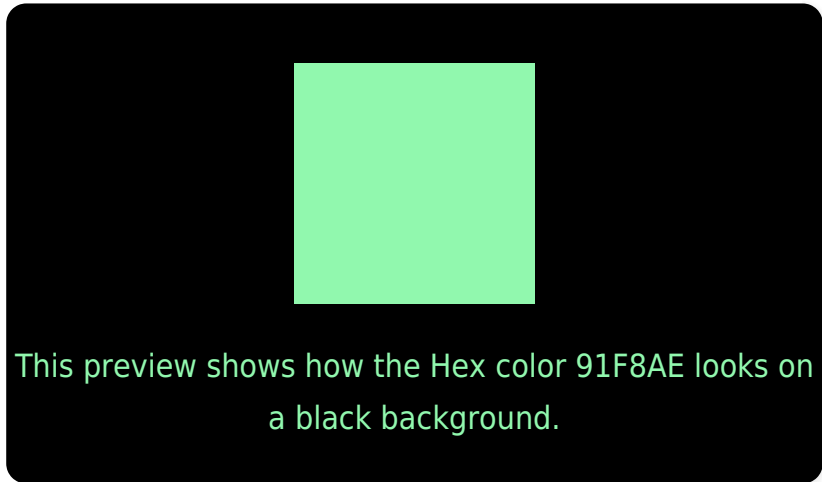
Large Text (above 18pt) WCAG AA × Fail

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

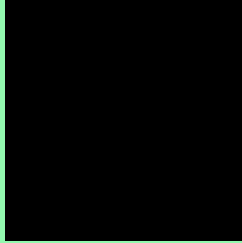
Any Text WCAG AA ✓ Pass

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 91F8AE Background



This preview shows how black text looks on a background with the Hex color 91F8AE.

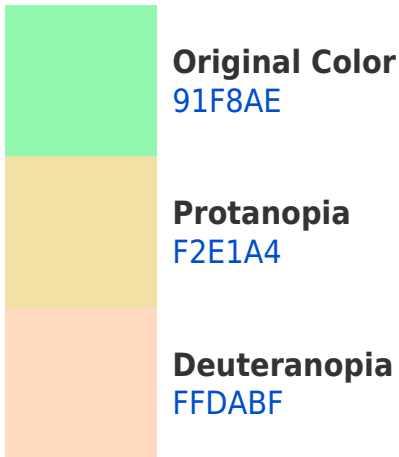


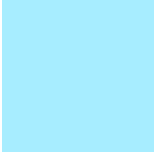
This preview shows how white text looks on a background with the Hex color 91F8AE.

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



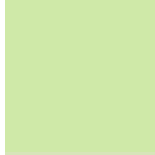


Tritanopia
A7EDFF

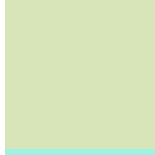
Trichromacy



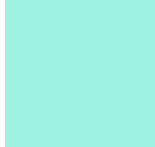
Original Color
91F8AE



Protanomaly
CFE9A8



Deuteranomaly
D7E5B9



Tritanomaly
9FF1E2

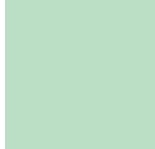
Monochromacy



Original Color
91F8AE



Achromatopsia
D1D1D1



Achromatomaly
BADFC4

CSS Examples

Text

The CSS property to change the color of the text to Hex 91F8AE 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 #91F8AE looks like.

```
.text, #text, p{  
    color:#91F8AE  
}
```

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 #91F8AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91F8AE
}
```

Border

The CSS property to change the border of an element to Hex 91F8AE 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
#91F8AE }
```

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

```
.border{ border-color:#91F8AE }
```

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

Here you see how a box with a 4 pixel #91F8AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91F8AE; -webkit-box-shadow:4px 4px  
4px 4px #91F8AE; box-shadow:4px 4px 4px  
4px #91F8AE }
```

Background

The CSS property to change the background color of an element to Hex 91F8AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91F8AE }
```

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

```
.background{ background-color:#91F8AE }
```

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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