

Converting Colors

Hex(94F1B0)

Have a look what the booklet for
Hex(94F1B0) contains.

Hex(94F1B0)	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(94F1B0)

Conversions

Conversions Part 1

Format	Color
Hex	94F1B0
RGB	148, 241, 176
RGB Percent	58%, 95%, 69%
CMY	0.4196, 0.0549, 0.3098
CMYK	0.39, 0.00, 0.27, 0.05
HSL	138°, 77%, 76%
HSV	138°, 39%, 95%
XYZ	51.5045, 72.3411, 52.3229
YIQ	205.7830, -34.5630, -39.9310

Conversions

Conversions Part 2

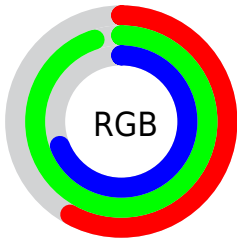
Format	Color
RYB	148, 219, 241
Decimal	9761200
CIELab	88.13, -41.21, 22.89
CIELCh	88, 47.139, 150.956
Yxy	72.3411, 0.2924, 0.4106
Android (android.graphics.Color)	4287951280 (0xFF94F1B0)
YUV	205.7830, -14.6830, -50.6757
Hunter-Lab	85.0536, -40.7524, 23.0637

Details

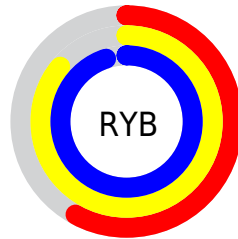
The Hex color **94F1B0** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **F194D5**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **CDFE8**, and **5CB87B** is the 20% darker color. If you saturate the color by 10%, you get **7CF19F**, and if you desaturate by 10%, it is **ACF1C1**.

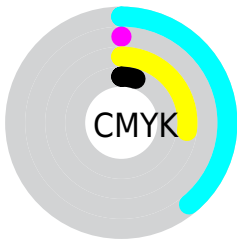
Distribution



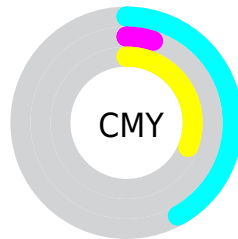
- Red (58%)
- Green (95%)
- Blue (69%)



- Red (58%)
- Yellow (86%)
- Blue (95%)



- Cyan (39%)
- Magenta (0%)
- Yellow (27%)
- Black (5%)



- Cyan (42%)
- Magenta (5%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 94F1B0 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 94F1B0 by changing the saturation by 10% instead.

 94F1B0

 94F1B0

FFFFFF

 78D495

 CDFFE8

 5CB87B

 EAFFFF

 409D62

 21824A

 006933

 00501C

 003805

 002300

 000000

 94F1B0

 94F1B0

 7CF19F

 ACF1C1

 64F18E

 C4F1D2

 4CF17D

 DCF1E3

 34F16D

 F4F1F3

 1CF15C

 FFF1FF

 03F14B

 00F149

Harmonies

Analogous

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



CAE88E



94F1B0



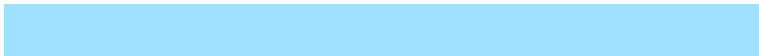
53F5DD

Triad

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



94F1B0



9DE1FF



FFBEB1

Complementary

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



94F1B0



F194D5

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.



FFBADD



94F1B0



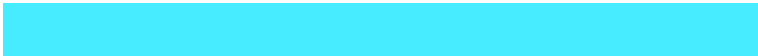
E4D1FF

Square

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



94F1B0



47EDFF



FFC2FF



FFCB90

Rectangle

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



94F1B0



17F5FC



FFC2FF



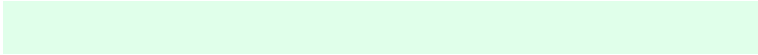
FFBBBF

Sweetspot

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



94F1B0



E0FFEA



D5F194



6E8073



000000



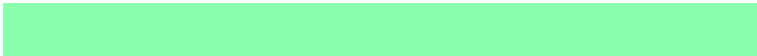
808080

Same Dimension

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



94F1B0



8AFFAD



94F1DE



6C786F



00B837



003811

Inverse Universe

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



F194D5



FF8ADC



F194A7



786C74



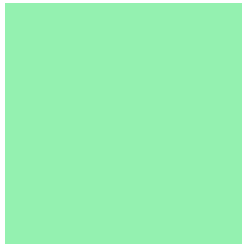
B80080



380027

Previews

White Background



This preview shows how the Hex color 94F1B0 looks on a white background.

Color Contrast Check

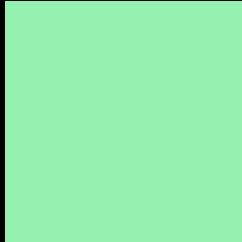
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 94F1B0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

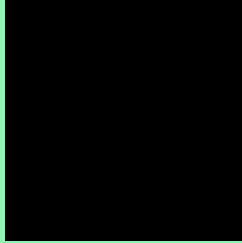
Any Text WCAG AA ✓ Pass

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 94F1B0 Background



This preview shows how black text looks on a background with the Hex color 94F1B0.

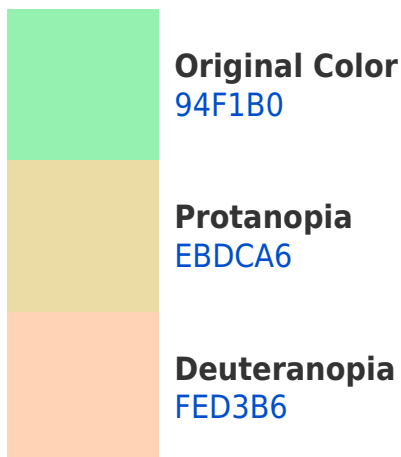


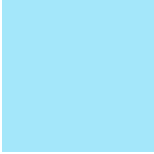
This preview shows how white text looks on a background with the Hex color 94F1B0.

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



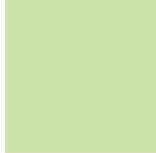


Tritanopia
A4E7FA

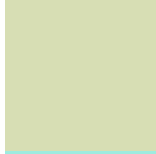
Trichromacy



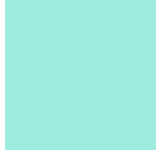
Original Color
94F1B0



Protanomaly
CBE4AA

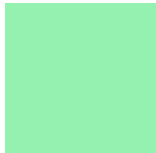


Deuteranomaly
D7DEB4

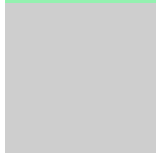


Tritanomaly
9EEBDF

Monochromacy



Original Color
94F1B0



Achromatopsia
CECECE



Achromatomaly
B9DBC3

CSS Examples

Text

The CSS property to change the color of the text to Hex 94F1B0 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 #94F1B0 looks like.

```
.text, #text, p{  
    color:#94F1B0  
}
```

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 #94F1B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94F1B0
}
```

Border

The CSS property to change the border of an element to Hex 94F1B0 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
#94F1B0 }
```

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

```
.border{ border-color:#94F1B0 }
```

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

Here you see how a box with a 4 pixel #94F1B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94F1B0; -webkit-box-shadow:4px 4px  
4px 4px #94F1B0; box-shadow:4px 4px 4px  
4px #94F1B0 }
```

Background

The CSS property to change the background color of an element to Hex 94F1B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94F1B0 }
```

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

```
.background{ background-color:#94F1B0 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor