

Converting Colors

Hex(94C18F)

Have a look what the booklet for
Hex(94C18F) contains.

Hex(94C18F)	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(94C18F)

Conversions

Conversions Part 1

Format	Color
Hex	94C18F
RGB	148, 193, 143
RGB Percent	58%, 76%, 56%
CMY	0.4196, 0.2431, 0.4392
CMYK	0.23, 0.00, 0.26, 0.24
HSL	114°, 29%, 66%
HSV	114°, 26%, 76%
XYZ	36.2406, 46.4190, 33.0363
YIQ	173.8450, -10.7700, -25.0900

Conversions

Conversions Part 2

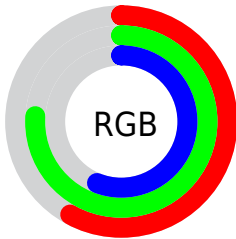
Format	Color
RYB	143, 193, 188
Decimal	9748879
CIELab	73.82, -24.57, 20.46
CIELCh	74, 31.978, 140.213
Yxy	46.4190, 0.3132, 0.4012
Android (android.graphics.Color)	4287938959 (0xFF94C18F)
YUV	173.8450, -15.2066, -22.6661
Hunter-Lab	68.1315, -24.2820, 18.9429

Details

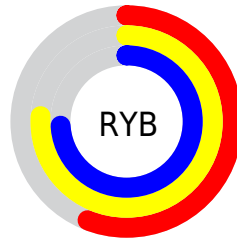
The Hex color **94C18F** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **BC8FC1**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **CBFAC5**, and **608B5C** is the 20% darker color. If you saturate the color by 10%, you get **83C17C**, and if you desaturate by 10%, it is **A5C1A2**.

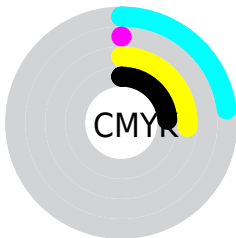
Distribution



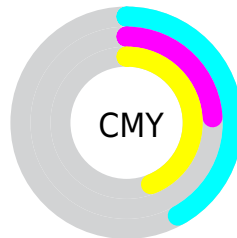
- Red (58%)
- Green (76%)
- Blue (56%)



- Red (56%)
- Yellow (76%)
- Blue (74%)



- Cyan (23%)
- Magenta (0%)
- Yellow (26%)
- Black (24%)



- Cyan (42%)
- Magenta (24%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 94C18F 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 94C18F by changing the saturation by 10% instead.



94C18F

FFFFFF



CBFAC5



E7FFE1

FFFFFFE



94C18F



7AA675



608B5C



477245



2F592E



174118



012B00



001600



000000



94C18F



94C18F

 83C17C

 A5C1A2

 71C168

 B7C1B6

 60C155

 C8C1C9

 4FC142

 D9C1DC

 3DC12F

 EBC1F0

 2CC11B

 FCC1FF

 1AC108

 FFC1FF

 13C100

Harmonies

Analogous

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



B6BA7E



94C18F



72C5AA

Triad

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



94C18F



80BBEF



F0A0A3

Complementary

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



94C18F



BC8FC1

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.



E9A0C0



94C18F



ACB1EC

Square

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



94C18F



5DC2E2



D1A7DB



E8A789

Rectangle

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



94C18F



5FC6BF



D1A7DB



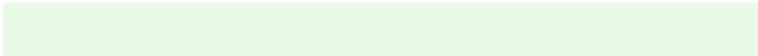
F09FAC

Sweetspot

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



94C18F



E8FAE6



C1BC8F



727D70



FCFCFC



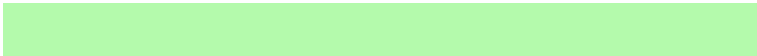
7D7D7D

Same Dimension

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



94C18F



B4FAAC



8FC1A3



586157



10A100



032100

Inverse Universe

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



BC8FC1



F2ACFA



C18FAD



605761



9100A1



1E0021

Previews

White Background



This preview shows how the Hex color 94C18F looks on a white background.

Color Contrast Check

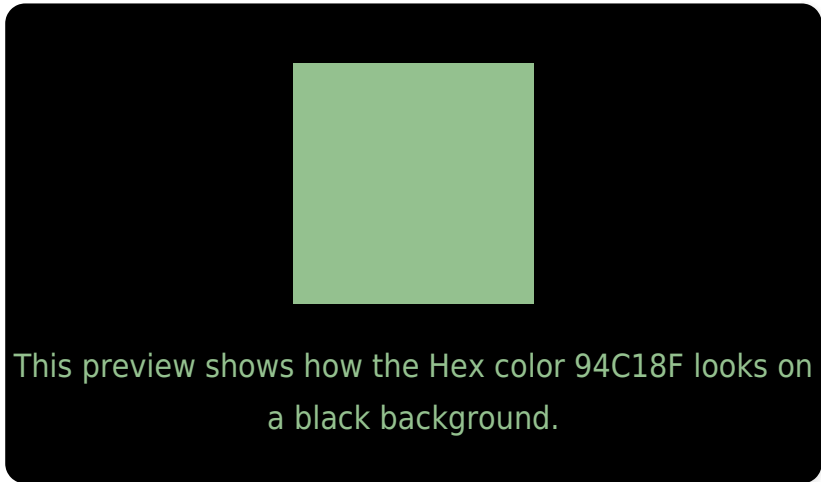
Large Text (above 18pt) WCAG AA × Fail

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 94C18F Background



This preview shows how black text looks on a background with the Hex color 94C18F.

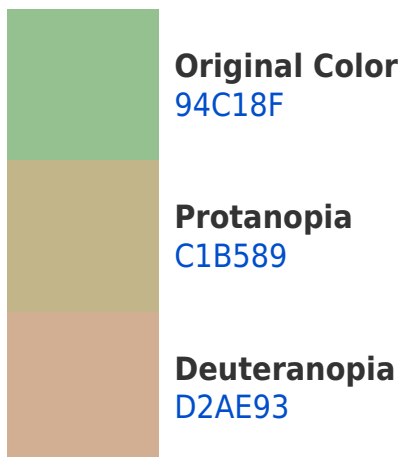


This preview shows how white text looks on a background with the Hex color 94C18F.

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



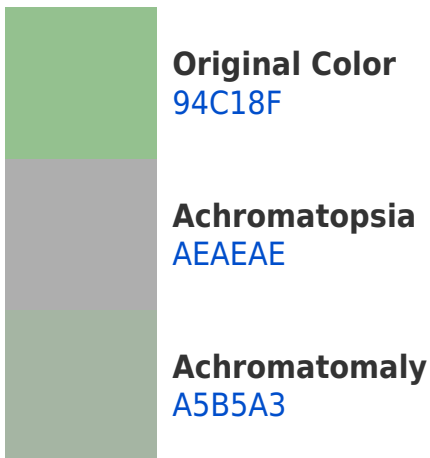


Tritanopia
9EB9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 94C18F 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 #94C18F looks like.

```
.text, #text, p{  
    color:#94C18F  
}
```

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 #94C18F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94C18F
}
```

Border

The CSS property to change the border of an element to Hex 94C18F 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
#94C18F }
```

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

```
.border{ border-color:#94C18F }
```

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

Here you see how a box with a 4 pixel #94C18F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94C18F; -webkit-box-shadow:4px 4px  
4px 4px #94C18F; box-shadow:4px 4px 4px  
4px #94C18F }
```

Background

The CSS property to change the background color of an element to Hex 94C18F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94C18F }
```

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

```
.background{ background-color:#94C18F }
```

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