

# Converting Colors

Hex(94CFB1)

Have a look what the booklet for  
Hex(94CFB1) contains.

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# **Color**

**Hex(94CFB1)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>                 |
|---------------|------------------------------|
| Hex           | 94CFB1                       |
| RGB           | 148, 207, 177                |
| RGB Percent   | 58%, 81%, 69%                |
| CMY           | 0.4196, 0.1882, 0.3059       |
| CMYK          | 0.29, 0.00, 0.14, 0.19       |
| HSL           | 149°, 38%, 70%               |
| HSV           | 149°, 29%, 81%               |
| XYZ           | 42.4614, 54.0959, 49.7986    |
| YIQ           | 185.9390, -25.5340, -21.8380 |

# Conversions

## Conversions Part 2

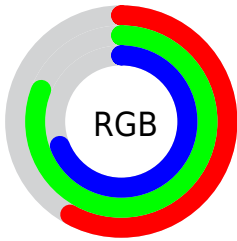
| <b>Format</b>                       | <b>Color</b>   |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">148, 188, 207</a>                                |
| Decimal                             | <a href="#">9752497</a>                                      |
| CIELab                              | <a href="#">78.52, -25.18, 8.87</a>                          |
| CIElCh                              | <a href="#">79, 26.692, 160.594</a>                          |
| Yxy                                 | <a href="#">54.0959, 0.2901, 0.3696</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4287942577</a><br>( <a href="#">0xFF94CFB1</a> ) |
| YUV                                 | <a href="#">185.9390, -4.4069, -33.2725</a>                  |
| Hunter-Lab                          | <a href="#">73.5499, -25.6618, 11.3413</a>                   |

# Details

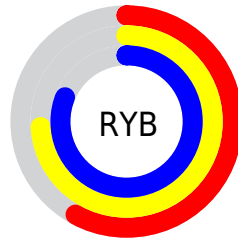
The Hex color **94CFB1** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **CF94B2**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **CBFFE9**, and **5F987C** is the 20% darker color. If you saturate the color by 10%, you get **7FCFA6**, and if you desaturate by 10%, it is **A9CFBC**.

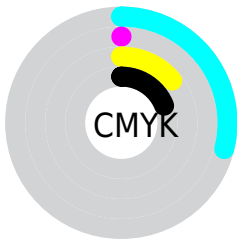
# Distribution



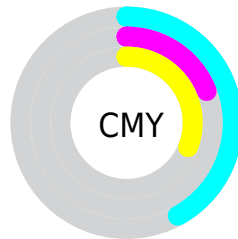
- Red (58%)
- Green (81%)
- Blue (69%)



- Red (58%)
- Yellow (74%)
- Blue (81%)



- Cyan (29%)
- Magenta (0%)
- Yellow (14%)
- Black (19%)



- Cyan (42%)
- Magenta (19%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 94CFB1 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 94CFB1 by changing the saturation by 10% instead.



 94CFB1

 94CFB1

FFFFFF

 79B396

 CBFFE9

 5F987C

 E8FFFF

 467E63

 2D654C

 124D35

 003620

 002108

 000000

 94CFB1

 94CFB1

 7FCFA6

 A9CFBC

 6BCF9C

 BDCFC6

 56CF91

 D2CFD1

 41CF87

 E7CFDB

 2DCF7C

 FCCFE6

 18CF72

 FFCFF0

 03CF67

 FFCFFB

 00CF66

 FFCFFF

# Harmonies

## Analogous

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



B0CB9C



94CFB1



7FD0CA

# Triad

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



94CFB1



B0C2F3



F2B4A3

# Complementary

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



94CFB1



CF94B2

# 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.



F5B0BA



94CFB1



D1B9E8

# Square

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



94CFB1



8FC9F0



E9B2D3



E3BB94

# Rectangle

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



94CFB1



7ACFDB



E9B2D3



F4B2AA

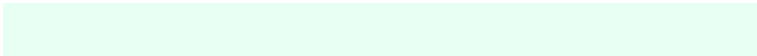


# Sweetspot

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



94CFB1



E8FFF3



B2CF94



718078



000000



808080

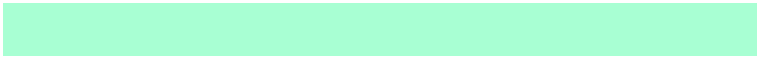


# Same Dimension

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



94CFB1



A8FFD3



94CFCE



5E6963



00A853



002914



# Inverse Universe

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



CF94B2



FFA8D4



CF9495



695E63



A80056

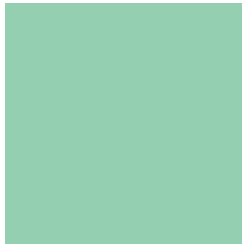


290015



# Previews

## White Background



This preview shows how the Hex color 94CFB1 looks on a white background.

## Color Contrast Check

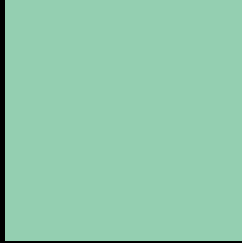
Large Text (above 18pt) WCAG AA × Fail

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 94CFB1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

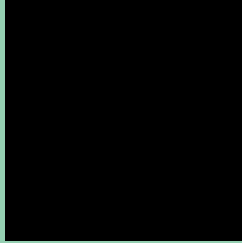
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 94CFB1 Background



This preview shows how black text looks on a background with the Hex color 94CFB1.

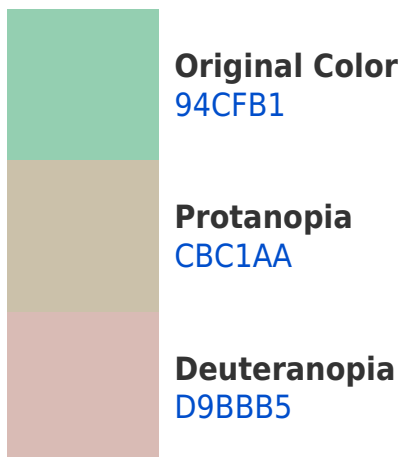


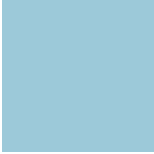
This preview shows how white text looks on a background with the Hex color 94CFB1.

# 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](#).

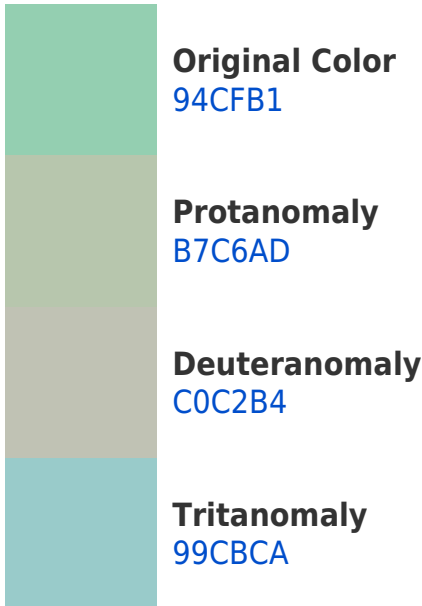
## Dichromacy



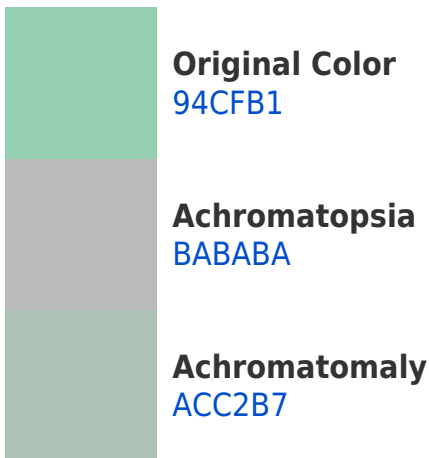


**Tritanopia**  
9CC9D9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 94CFB1 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 #94CFB1 looks like.

```
.text, #text, p{  
    color:#94CFB1  
}
```

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 #94CFB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94CFB1
}
```

## Border

The CSS property to change the border of an element to Hex 94CFB1 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
#94CFB1 }
```

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

```
.border{ border-color:#94CFB1 }
```

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

Here you see how a box with a 4 pixel #94CFB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94CFB1; -webkit-box-shadow:4px 4px  
4px 4px #94CFB1; box-shadow:4px 4px 4px  
4px #94CFB1 }
```

# Background

The CSS property to change the background color of an element to Hex 94CFB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94CFB1 }
```

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

```
.background{ background-color:#94CFB1 }
```

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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