

# Converting Colors

Hex(94BFAE)

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

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# **Color**

**Hex(94BFAE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	94BFAE
RGB	148, 191, 174
RGB Percent	58%, 75%, 68%
CMY	0.4196, 0.2510, 0.3176
CMYK	0.23, 0.00, 0.09, 0.25
HSL	156°, 25%, 66%
HSV	156°, 23%, 75%
XYZ	38.4835, 46.6135, 47.0134
YIQ	176.2050, -20.1710, -14.4030

# Conversions

## Conversions Part 2

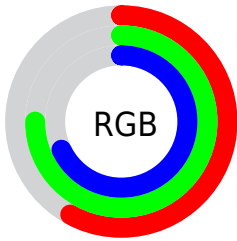
<b>Format</b>	<b>Color</b>
<b>RYB</b>	148, 175, 191
Decimal	9748398
CIELab	73.94, -17.78, 3.91
CIELCh	74, 18.207, 167.607
Yxy	46.6135, 0.2913, 0.3528
Android (android.graphics.Color)	4287938478 (0xFF94BFAE)
YUV	176.2050, -1.0871, -24.7358
Hunter-Lab	68.2741, -18.8659, 6.9649

# Details

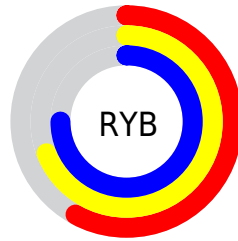
The Hex color **94BFAE** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **BF94A5**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **CBF7E5**, and **60897A** is the 20% darker color. If you saturate the color by 10%, you get **81BFA6**, and if you desaturate by 10%, it is **A7BFB6**.

# Distribution



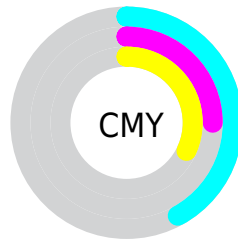
- Red (58%)
- Green (75%)
- Blue (68%)



- Red (58%)
- Yellow (69%)
- Blue (75%)



- Cyan (23%)
- Magenta (0%)
- Yellow (9%)
- Black (25%)



- Cyan (42%)
- Magenta (25%)
- Yellow (32%)

# Brightness & Saturation Gradients

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



■ 94BFAE

■ 94BFAE

FFFFFF

■ 7AA493

■ CBF7E5

■ 60897A

■ E7FFFF

■ 487061

■ 305749

■ 184033


■ 002A1E

■ 001604

■ 000000

■ 94BFAE

■ 94BFAE

 81BFA6

 A7BFB6

 6EBF9F

 BABFBD

 5BBF97

 CDBFC5

 48BF90

 E0BFCC

 35BF88

 F4BFD4

 21BF81

 FFBFDB

 0EBF79

 FFBFE3

 00BF73

 FFBFEA

 FFBFF2

# Harmonies

## Analogous

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



A5BC9F



94BFAE



8ABFBF

# Triad

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



94BFAE



B0B4D5



D5AD9E

# Complementary

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



94BFAE



BF94A5

# 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.



D9AAAC



94BFAE



C5AECC

# Square

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



94BFAE



9BB9D6



D3ABBD



CAB295

# Rectangle

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



94BFAE



8ABEC9



D3ABBD



D7ACA2

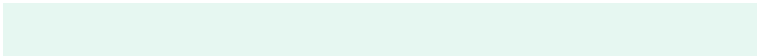


# Sweetspot

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



94BFAE



E6F7F1



A5BF94



737D79



FCFCFC



7D7D7D

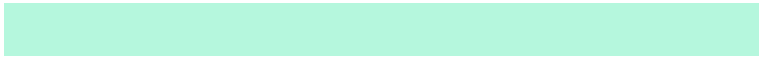


# Same Dimension

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



94BFAE



B5F7DD



94BBBF



555E5B



009E60



001F13



# Inverse Universe

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



BF94A5



F7B5CF



BF9894



5E5559



9E003F



1F000C



# Previews

## White Background



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

## Color Contrast Check

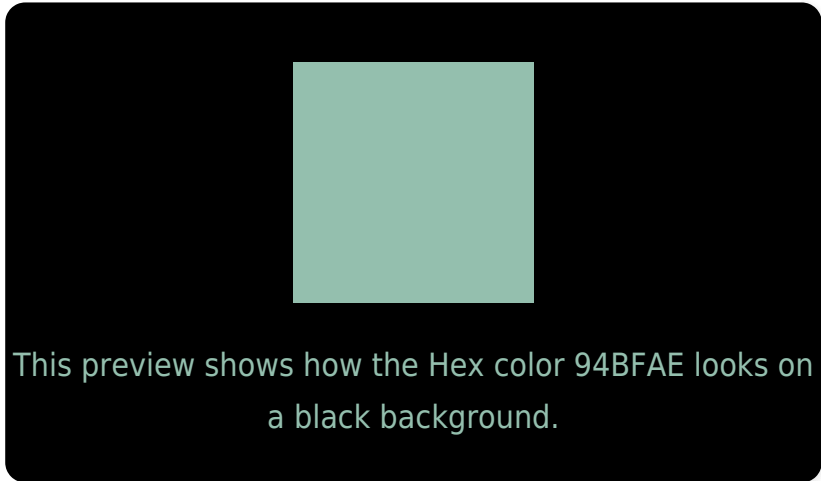
Large Text (above 18pt) WCAG AA × Fail

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

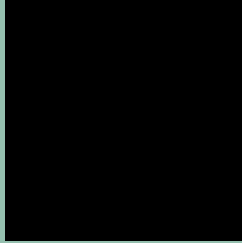
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 94BFAE Background



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

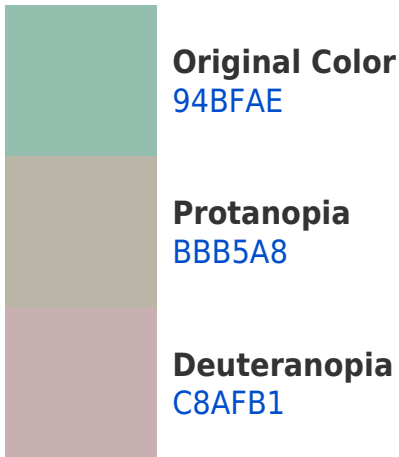


This preview shows how white text looks on a background with the Hex color 94BFAE.

# 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](#).

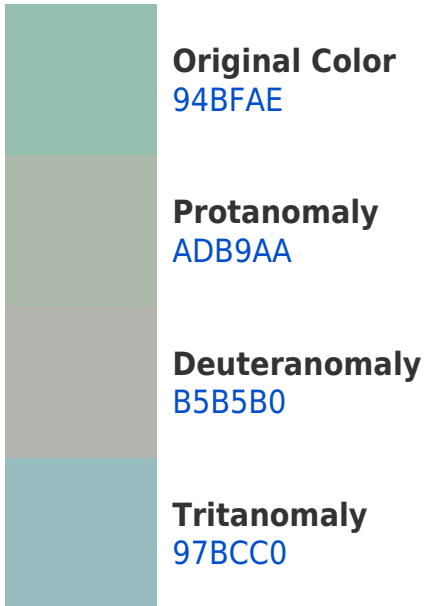
## Dichromacy



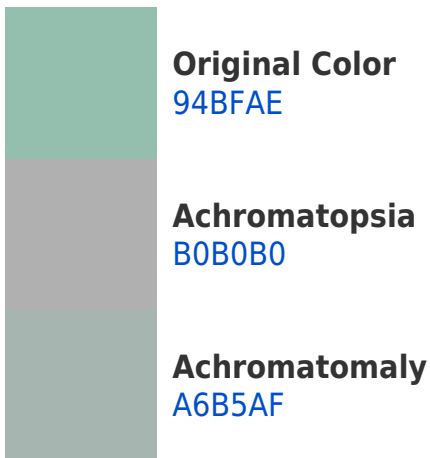


**Tritanopia**  
99BBCA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #94BFAE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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