

# Converting Colors

Hex(94BD8E)

Have a look what the booklet for  
Hex(94BD8E) contains.

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# **Color**

**Hex(94BD8E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	94BD8E
RGB	148, 189, 142
RGB Percent	58%, 74%, 56%
CMY	0.4196, 0.2588, 0.4431
CMYK	0.22, 0.00, 0.25, 0.26
HSL	112°, 26%, 65%
HSV	112°, 25%, 74%
XYZ	35.2928, 44.6441, 32.3482
YIQ	171.3830, -9.3490, -23.3090

# Conversions

## Conversions Part 2

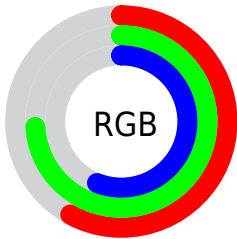
<b>Format</b>	<b>Color</b>
<b>RYB</b>	142, 189, 183
Decimal	9747854
CIELab	72.66, -22.76, 19.40
CIELCh	73, 29.911, 139.554
Yxy	44.6441, 0.3143, 0.3976
Android (android.graphics.Color)	4287937934 (0xFF94BD8E)
YUV	171.3830, -14.4858, -20.5069
Hunter-Lab	66.8162, -22.6434, 18.0669

# Details

The Hex color **94BD8E** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B78EBD**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **CBF5C4**, and **60875B** is the 20% darker color. If you saturate the color by 10%, you get **84BD7B**, and if you desaturate by 10%, it is **A4BDA1**.

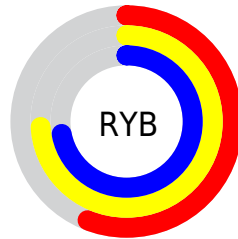
# Distribution



Red (58%)

Green (74%)

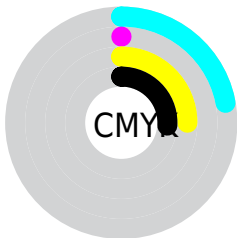
Blue (56%)



Red (56%)

Yellow (74%)

Blue (72%)

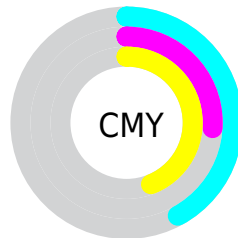


Cyan (22%)

Magenta (0%)

Yellow (25%)

Black (26%)



Cyan (42%)

Magenta (26%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 94BD8E 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 94BD8E by changing the saturation by 10% instead.





94BD8E



94BD8E

FFFFFF



7AA274



CBF5C4



60875B



E7FFE0



486E44

FFFFFFD



30552D



183E18



042800



001100



000000



94BD8E



94BD8E

 84BD7B

 A4BDA1

 73BD68

 B5BDB4

 63BD55

 C5BDC7

 52BD42

 D6BDDA

 42BD2F

 E6BDEC

 31BD1D

 F7BDFF

 21BD0A

 FFBDFE

 18BD00

# Harmonies

## Analogous

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



B3B67E



94BD8E



75C1A7

# Triad

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



94BD8E



81B8E7



E99FA1

# Complementary

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



94BD8E



B78EBD

# 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.



E29FBD



94BD8E



A9AFE6

# Square

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



94BD8E



62BEDB



CCA5D6



E2A48A

# Rectangle

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



94BD8E



64C2BA



CCA5D6



E99EAA

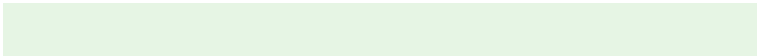


# Sweetspot

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



94BD8E



E6F5E4



BDB78E



727A71



FAFAFA



7A7A7A

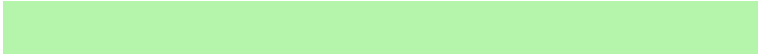


# Same Dimension

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



94BD8E



B5F5AB



8EBD9F



565E55



149E00



041F00



# Inverse Universe

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



B78EBD



EBABF5



BD8EAC



5D555E



8A009E



1B001F



# Previews

## White Background



This preview shows how the Hex color 94BD8E looks on a white background.

## Color Contrast Check

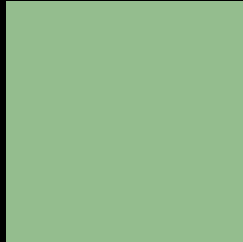
Large Text (above 18pt) WCAG AA × Fail

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 94BD8E looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

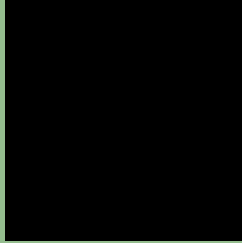
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 94BD8E Background



This preview shows how black text looks on a background with the Hex color 94BD8E.

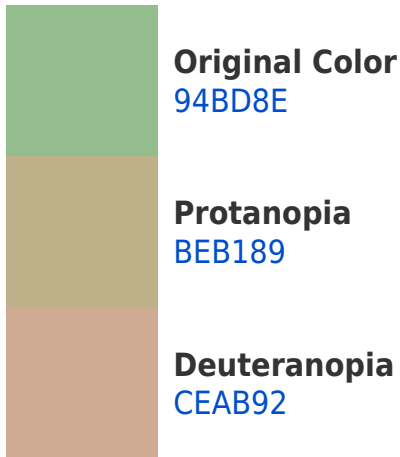


This preview shows how white text looks on a background with the Hex color 94BD8E.

# 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](#).

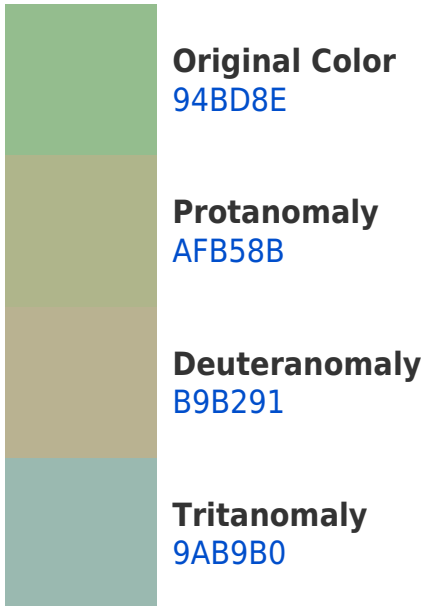
## Dichromacy



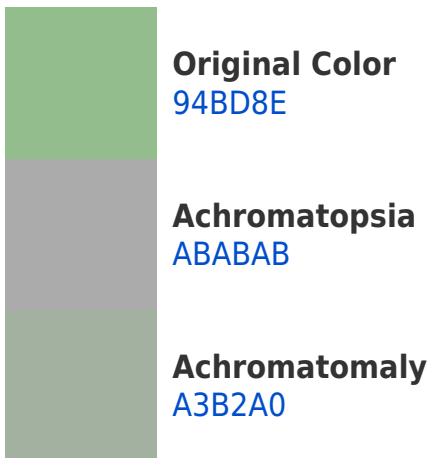


**Tritanopia**  
9DB6C4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 94BD8E 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 #94BD8E looks like.

```
.text, #text, p{  
    color:#94BD8E  
}
```

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 #94BD8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94BD8E
}
```

## Border

The CSS property to change the border of an element to Hex 94BD8E 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
#94BD8E }
```

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

```
.border{ border-color:#94BD8E }
```

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

Here you see how a box with a 4 pixel #94BD8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94BD8E; -webkit-box-shadow:4px 4px  
4px 4px #94BD8E; box-shadow:4px 4px 4px  
4px #94BD8E }
```

# Background

The CSS property to change the background color of an element to Hex 94BD8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94BD8E }
```

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

```
.background{ background-color:#94BD8E }
```

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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