

# Converting Colors

Hex(94B17A)

Have a look what the booklet for  
Hex(94B17A) contains.

<b>Hex(94B17A)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(94B17A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	94B17A
RGB	148, 177, 122
RGB Percent	58%, 69%, 48%
CMY	0.4196, 0.3059, 0.5216
CMYK	0.16, 0.00, 0.31, 0.31
HSL	92°, 26%, 59%
HSV	92°, 31%, 69%
XYZ	31.4477, 39.1453, 24.3107
YIQ	162.0590, 0.3710, -23.2530

# Conversions

## Conversions Part 2

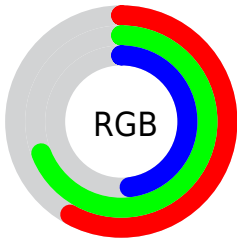
<b>Format</b>	<b>Color</b>
<b>RYB</b>	122, 177, 151
Decimal	9744762
CIELab	68.86, -19.94, 24.97
CIELCh	69, 31.955, 128.604
Yxy	39.1453, 0.3314, 0.4125
Android (android.graphics.Color)	4287934842 (0xFF94B17A)
YUV	162.0590, -19.7491, -12.3297
Hunter-Lab	62.5662, -19.7712, 20.7587

# Details

The Hex color **94B17A** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **977AB1**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **CBE9AF**, and **607C49** is the 20% darker color. If you saturate the color by 10%, you get **8BB168**, and if you desaturate by 10%, it is **9DB18C**.

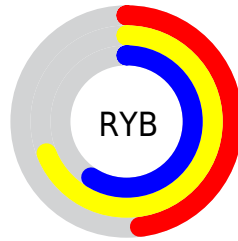
# Distribution



Red (58%)

Green (69%)

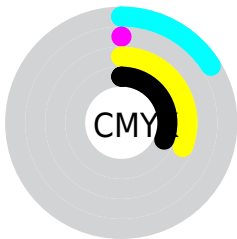
Blue (48%)



Red (48%)

Yellow (69%)

Blue (59%)

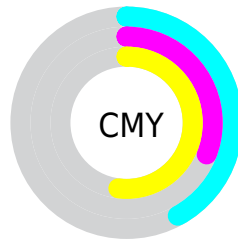


Cyan (16%)

Magenta (0%)

Yellow (31%)

Black (31%)



Cyan (42%)

Magenta (31%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 94B17A 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 94B17A by changing the saturation by 10% instead.





94B17A



94B17A

FFFFFF



7A9661



CBE9AF



607C49



E7FFCA



486331



FFFFE7



304B1B



1A3403



002000



000000



94B17A




94B17A



8BB168



9DB18C

 81B157

 A7B19D

 78B145

 B0B1AF

 6FB133

 B9B1C1

 65B122

 C3B1D3

 5CB110

 CCB1E4

 54B100

 D5B1F6

 DFB1FF

 E8B1FF

# Harmonies

## Analogous

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



B4A96E



94B17A



72B692

# Triad

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



94B17A



62B1DD



E192A1

# Complementary

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



94B17A



977AB1

# 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.



D495BE



94B17A



8EA8E1

# Square

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



94B17A



46B6CB



B79ED5



DE9685

# Rectangle

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



94B17A



5BB8A6



B79ED5



DE92AA



# Sweetspot

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



94B17A



DBE6D1



B1967A



6C7366



F2F2F2



737373



# Same Dimension

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



94B17A



B9E691



7AB17B



555950



489900



0C1A00



# Inverse Universe

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



977AB1



BD91E6



B17AB0



555059



510099



0D001A



# Previews

## White Background



This preview shows how the Hex color 94B17A looks on a white background.

## Color Contrast Check

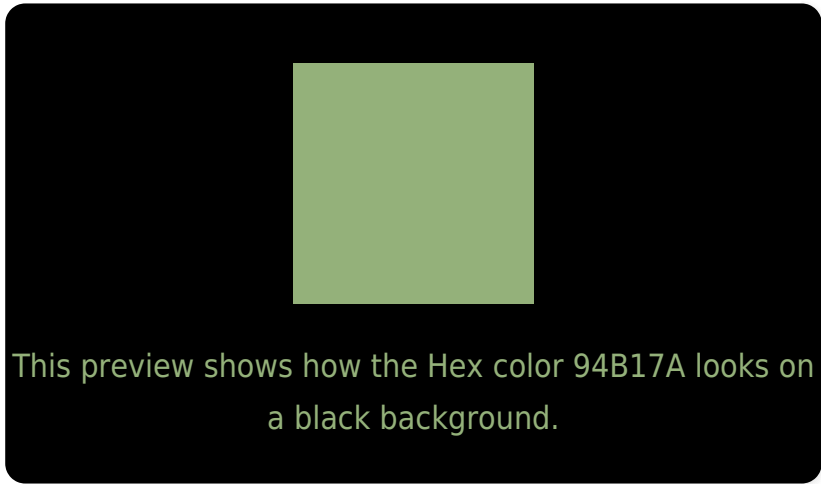
Large Text (above 18pt) WCAG AA × Fail

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

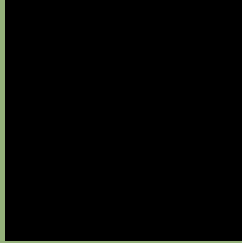
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 94B17A Background



This preview shows how black text looks on a background with the Hex color 94B17A.

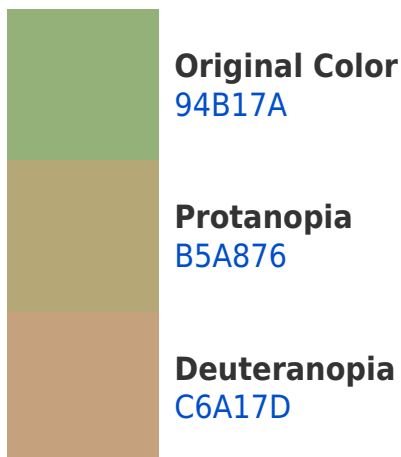


This preview shows how white text looks on a background with the Hex color 94B17A.

# 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](#).

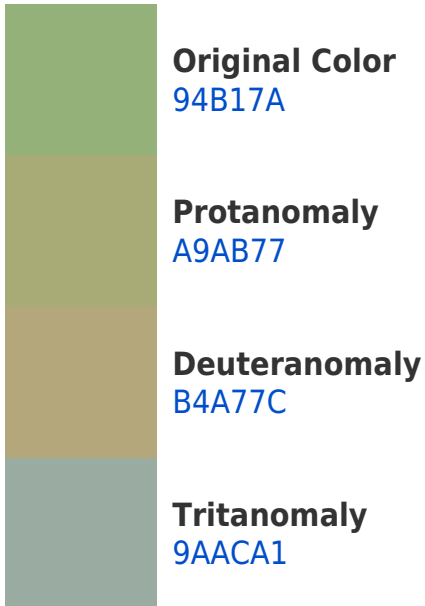
## Dichromacy



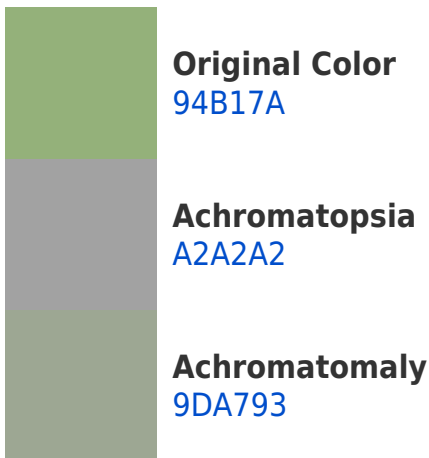


**Tritanopia**  
9DA9B7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 94B17A 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 #94B17A looks like.

```
.text, #text, p{  
    color:#94B17A  
}
```

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 #94B17A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94B17A
}
```

## Border

The CSS property to change the border of an element to Hex 94B17A 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
#94B17A }
```

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

```
.border{ border-color:#94B17A }
```

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

Here you see how a box with a 4 pixel #94B17A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94B17A; -webkit-box-shadow:4px 4px  
4px 4px #94B17A; box-shadow:4px 4px 4px  
4px #94B17A }
```

# Background

The CSS property to change the background color of an element to Hex 94B17A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94B17A }
```

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

```
.background{ background-color:#94B17A }
```

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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