

# Converting Colors

Hex(94C0AD)

Have a look what the booklet for  
Hex(94C0AD) contains.

<b>Hex(94C0AD)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(94C0AD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	94C0AD
RGB	148, 192, 173
RGB Percent	58%, 75%, 68%
CMY	0.4196, 0.2471, 0.3216
CMYK	0.23, 0.00, 0.10, 0.25
HSL	154°, 26%, 67%
HSV	154°, 23%, 75%
XYZ	38.6052, 47.0123, 46.5747
YIQ	176.6780, -20.1250, -15.2370

# Conversions

## Conversions Part 2

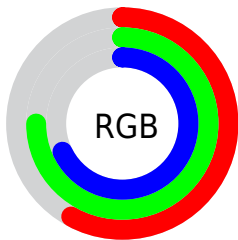
Format	Color
<a href="#">RYB</a>	<a href="#">148, 176, 192</a>
Decimal	<a href="#">9748653</a>
CIELab	<a href="#">74.20, -18.50, 4.82</a>
CIELCh	<a href="#">74, 19.113, 165.393</a>
Yxy	<a href="#">47.0123, 0.2920, 0.3556</a>
Android (android.graphics.Color)	<a href="#">4287938733 (0xFF94C0AD)</a>
YUV	<a href="#">176.6780, -1.8133, -25.1506</a>
Hunter-Lab	<a href="#">68.5655, -19.4868, 7.7217</a>

# Details

The Hex color **94C0AD** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C094A7**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **CBF9E4**, and **608A79** is the 20% darker color. If you saturate the color by 10%, you get **81C0A5**, and if you desaturate by 10%, it is **A7C0B5**.

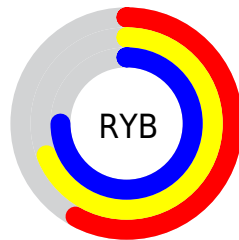
# Distribution



Red (58%)

Green (75%)

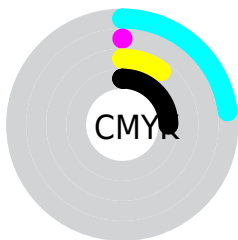
Blue (68%)



Red (58%)

Yellow (69%)

Blue (75%)

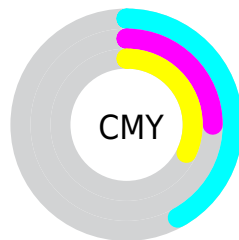


Cyan (23%)

Magenta (0%)

Yellow (10%)

Black (25%)



Cyan (42%)

Magenta (25%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 94C0AD 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 94C0AD by changing the saturation by 10% instead.



 94C0AD

 94C0AD

FFFFFF

 7AA592

 CBF9E4

 608A79

 E7FFFF

 487160

 305848

 184132


 002A1D

 001703

 000000

 94C0AD

 94C0AD

 81C0A5

 A7C0B5

 6EC09C

 BAC0BE

 5AC094

 CEC0C6

 47C08C

 E1C0CE

 34C084

 F4C0D6

 21C07B

 FFC0DF

 0EC073

 FFC0E7

 00C06D

 FFC0EF

 FFC0F8

# Harmonies

## Analogous

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



A7BD9D



94C0AD



88C1BF

# Triad

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



94C0AD



AEB5D8



D8AD9E

# Complementary

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



94C0AD



C094A7

# 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.



DBAAAE



94C0AD



C5AFCF

# Square

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



94C0AD



98BBD8



D5ABC0



CCB295

# Rectangle

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



94C0AD



88C0CA



D5ABC0



DAACA3

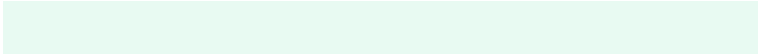


# Sweetspot

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



94C0AD



E8FAF2



A7C094



737D79



FCFCFC



7D7D7D

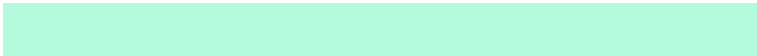


# Same Dimension

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



94C0AD



B4FADC



94BDC0



57615D



00A15B



002113



# Inverse Universe

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



C094A7



FAB4D2



C09794



61575B



A10045



21000E



# Previews

## White Background



This preview shows how the Hex color 94C0AD looks on a white background.

## Color Contrast Check

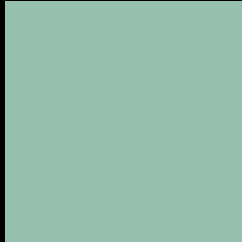
Large Text (above 18pt) WCAG AA × Fail

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 94C0AD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

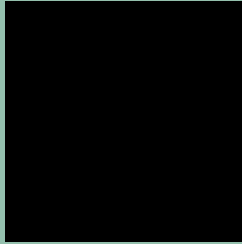
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 94C0AD Background



This preview shows how black text looks on a background with the Hex color 94C0AD.

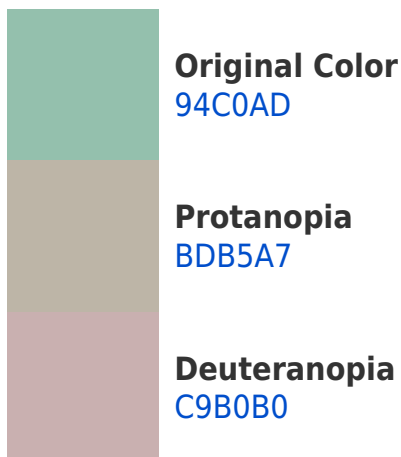


This preview shows how white text looks on a background with the Hex color 94C0AD.

# 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](#).

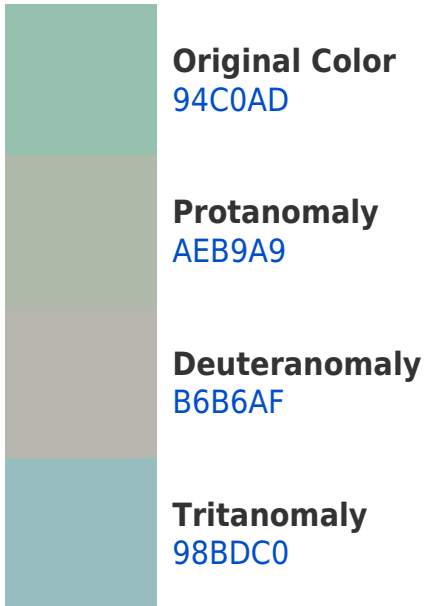
## Dichromacy



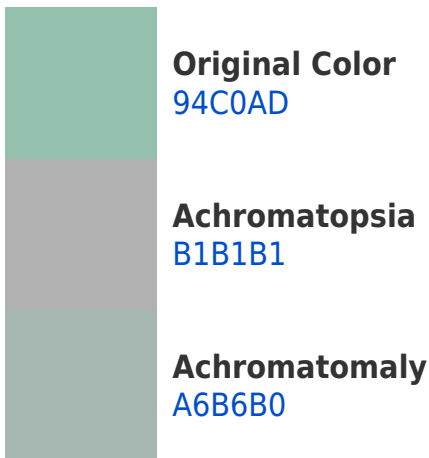


**Tritanopia**  
9ABCCB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 94C0AD 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 #94C0AD looks like.

```
.text, #text, p{  
    color:#94C0AD  
}
```

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 #94C0AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94C0AD
}
```

## Border

The CSS property to change the border of an element to Hex 94C0AD 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
#94C0AD }
```

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

```
.border{ border-color:#94C0AD }
```

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

Here you see how a box with a 4 pixel #94C0AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94C0AD; -webkit-box-shadow:4px 4px  
4px 4px #94C0AD; box-shadow:4px 4px 4px  
4px #94C0AD }
```

# Background

The CSS property to change the background color of an element to Hex 94C0AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94C0AD }
```

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

```
.background{ background-color:#94C0AD }
```

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