

# Converting Colors

Hex(94B6AD)

Have a look what the booklet for  
Hex(94B6AD) contains.

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# **Color**

**Hex(94B6AD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	94B6AD
RGB	148, 182, 173
RGB Percent	58%, 71%, 68%
CMY	0.4196, 0.2863, 0.3216
CMYK	0.19, 0.00, 0.05, 0.29
HSL	164°, 19%, 65%
HSV	164°, 19%, 71%
XYZ	36.4835, 42.7689, 45.8675
YIQ	170.8080, -17.3750, -10.0070

# Conversions

## Conversions Part 2

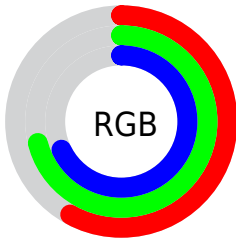
Format	Color
<a href="#">RYB</a>	<a href="#">148, 168, 182</a>
Decimal	<a href="#">9746093</a>
CIELab	<a href="#">71.40, -13.34, 0.76</a>
CIELCh	<a href="#">71, 13.361, 176.741</a>
Yxy	<a href="#">42.7689, 0.2916, 0.3418</a>
Android (android.graphics.Color)	<a href="#">4287936173</a> ( <a href="#">0xFF94B6AD</a> )
YUV	<a href="#">170.8080, 1.0807, -20.0026</a>
Hunter-Lab	<a href="#">65.3980, -14.8667, 4.1949</a>

# Details

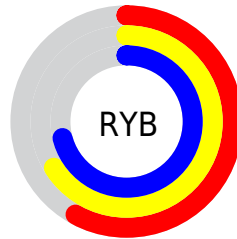
The Hex color **94B6AD** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **B6949D**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **CAEEE4**, and **618179** is the 20% darker color. If you saturate the color by 10%, you get **82B6A8**, and if you desaturate by 10%, it is **A6B6B2**.

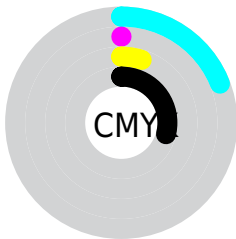
# Distribution



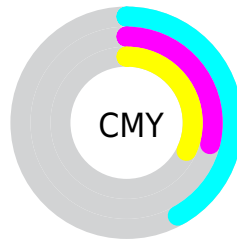
- Red (58%)
- Green (71%)
- Blue (68%)



- Red (58%)
- Yellow (66%)
- Blue (71%)



- Cyan (19%)
- Magenta (0%)
- Yellow (5%)
- Black (29%)



- Cyan (42%)
- Magenta (29%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 94B6AD 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 94B6AD by changing the saturation by 10% instead.



 94B6AD

 94B6AD

FFFFFF


 7A9B92

 CAEEE4

 618179

 E7FFFF

 486860

 315048

 1A3932

 04231D

 000A03

 000000

 94B6AD

 94B6AD

 82B6A8

 A6B6B2

 70B6A3

 B8B6B7

 5DB69F

 CBB6BB

 4BB69A

 DDB6C0

 39B695

 EFB6C5

 27B690

 FFB6CA

 15B68B

 FFB6CF

 02B686

 FFB6D4

 00B686

 FFB6D8

# Harmonies

## Analogous

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



9FB4A1



94B6AD



90B6B9

# Triad

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



94B6AD



B0ACC4



C4AA9B

# Complementary

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



94B6AD



B6949D

# 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.



C9A7A4



94B6AD



BEA9BC

# Square

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



94B6AD



A0B0C7



C7A7B1



BAAE97

# Rectangle

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



94B6AD



92B5C0



C7A7B1



C7A99E



# Sweetspot

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



94B6AD



DFEDE9



9DB694



6F7876



F7F7F7



787878



# Same Dimension

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



94B6AD



B9EDDF



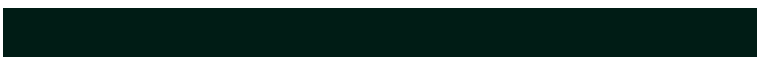
94AEB6



535C59



009C72



001C15



# Inverse Universe

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



B6949D



EDB9C7



B69C94



5C5355



9C0029



1C0007



# Previews

## White Background



This preview shows how the Hex color 94B6AD looks on a white background.

## Color Contrast Check

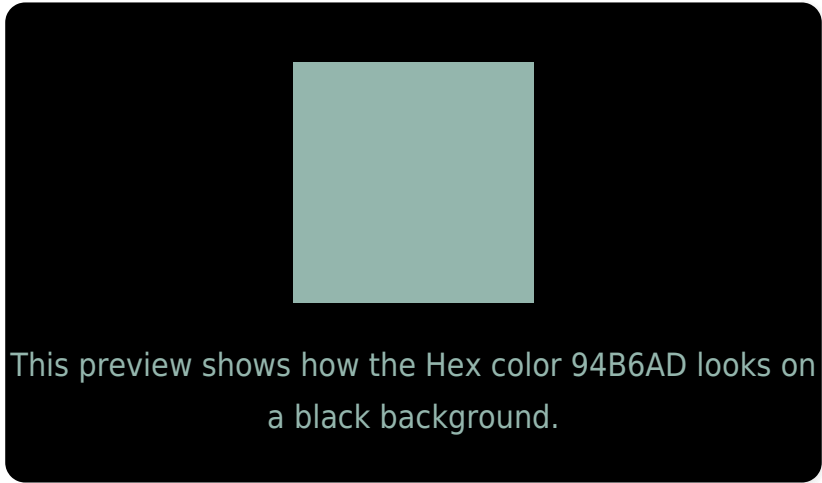
Large Text (above 18pt) WCAG AA × Fail

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

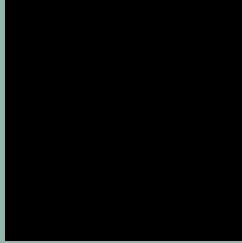
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

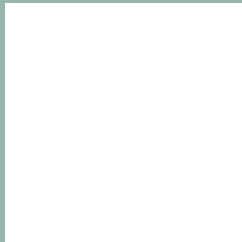
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 94B6AD Background



This preview shows how black text looks on a background with the Hex color 94B6AD.

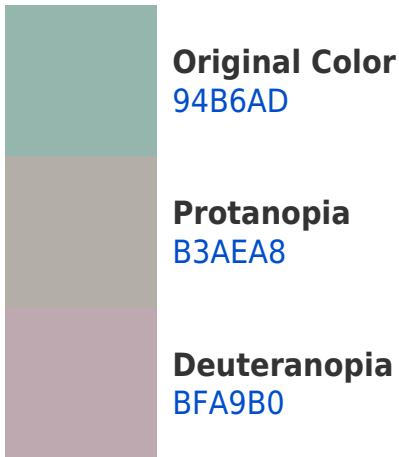


This preview shows how white text looks on a background with the Hex color 94B6AD.

# 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](#).

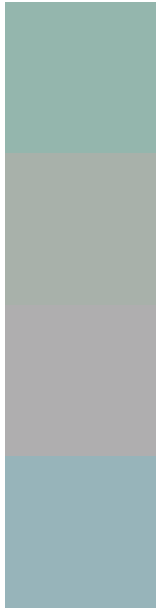
## Dichromacy





**Tritanopia**  
98B3C1

# Trichromacy



**Original Color**  
94B6AD

**Protanomaly**  
A8B1AA

**Deuteranomaly**  
AFAEAF

**Tritanomaly**  
97B4BA

# Monochromacy



**Original Color**  
94B6AD

**Achromatopsia**  
ABABAB

**Achromatomaly**  
A3AFAC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 94B6AD 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 #94B6AD looks like.

```
.text, #text, p{  
    color:#94B6AD  
}
```

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 #94B6AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94B6AD
}
```

## Border

The CSS property to change the border of an element to Hex 94B6AD 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
#94B6AD }
```

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

```
.border{ border-color:#94B6AD }
```

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

Here you see how a box with a 4 pixel #94B6AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94B6AD; -webkit-box-shadow:4px 4px  
4px 4px #94B6AD; box-shadow:4px 4px 4px  
4px #94B6AD }
```

# Background

The CSS property to change the background color of an element to Hex 94B6AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94B6AD }
```

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

```
.background{ background-color:#94B6AD }
```

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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