

# Converting Colors

Hex(94BABA)

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

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# **Color**

**Hex(94BABA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	94BABA
RGB	148, 186, 186
RGB Percent	58%, 73%, 73%
CMY	0.4196, 0.2706, 0.2706
CMYK	0.20, 0.00, 0.00, 0.27
HSL	180°, 22%, 65%
HSV	180°, 20%, 73%
XYZ	38.6346, 44.9589, 53.0960
YIQ	174.6380, -22.6480, -8.0560

# Conversions

## Conversions Part 2

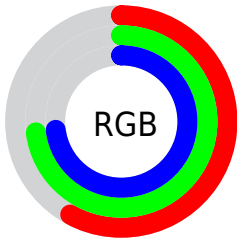
Format	Color
<a href="#">RYB</a>	<a href="#">148, 167, 186</a>
Decimal	<a href="#">9747130</a>
CIELab	<a href="#">72.86, -12.66, -4.21</a>
CIElCh	<a href="#">73, 13.337, 198.384</a>
Yxy	<a href="#">44.9589, 0.2826, 0.3289</a>
Android (android.graphics.Color)	<a href="#">4287937210</a> ( <a href="#">0xFF94BABA</a> )
YUV	<a href="#">174.6380, 5.6015, -23.3615</a>
Hunter-Lab	<a href="#">67.0514, -14.4894, -0.0141</a>

# Details

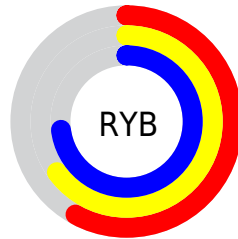
The Hex color **94BABA** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **BA9494**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **CBF2F2**, and **608585** is the 20% darker color. If you saturate the color by 10%, you get **81BABA**, and if you desaturate by 10%, it is **A7BABA**.

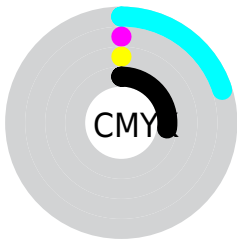
# Distribution



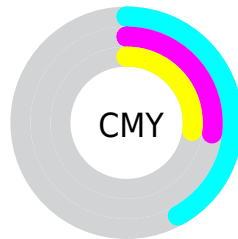
- Red (58%)
- Green (73%)
- Blue (73%)



- Red (58%)
- Yellow (65%)
- Blue (73%)



- Cyan (20%)
- Magenta (0%)
- Yellow (0%)
- Black (27%)



- Cyan (42%)
- Magenta (27%)
- Yellow (27%)

# Brightness & Saturation Gradients

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



 94BABA

 94BABA

FFFFFF

 7A9F9F

 CBF2F2

 608585

 E7FFFF

 486C6C

 305354

 183C3C

 002627

 001212

 000000

 94BABA

 94BABA

 81BABA

 A7BABA

 6FBABA

 B9BABA

 5CBABA

 CCBABA

 4ABABA

 DEBABA

 37BABA

 F1BABA

 24BABA

 FFBABA

 12BABA

 00BABA

# Harmonies

## Analogous

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



9ABAAD



94BABA



96B8C5

# Triad

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



94BABA



BEADC3



C1B09B

# Complementary

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



94BABA



BA9494

# 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.



CAADA1



94BABA



C9ABB8

# Square

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



94BABA



AFB1CA



CDABAC



B5B49C

# Rectangle

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



94BABA



9CB7C9



CDABAC



C5AF9C

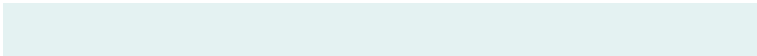


# Sweetspot

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



94BABA



E4F2F2



94BA94



727A7A



FAFAFA



7A7A7A



# Same Dimension

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



94BABA



B6F2F2



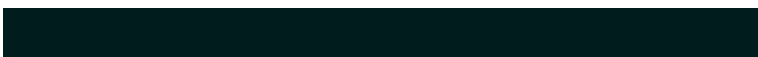
94A7BA



535C5C



009C9C



001C1C



# Inverse Universe

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



BA94BA



F2B6F2



BAA794



5C535C



9C009C



1C001C



# Previews

## White Background



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

## Color Contrast Check

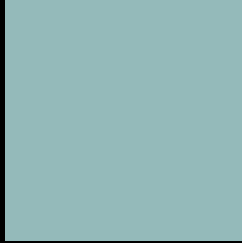
Large Text (above 18pt) WCAG AA × Fail

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 94BABA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

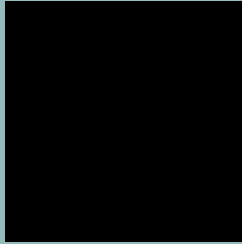
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 94BABA Background



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

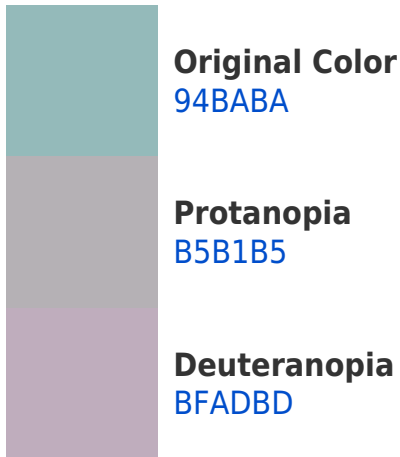


This preview shows how white text looks on a background with the Hex color 94BABA.

# 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](#).

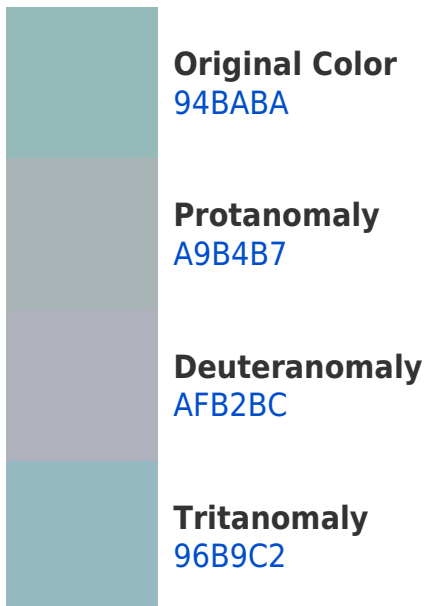
## Dichromacy



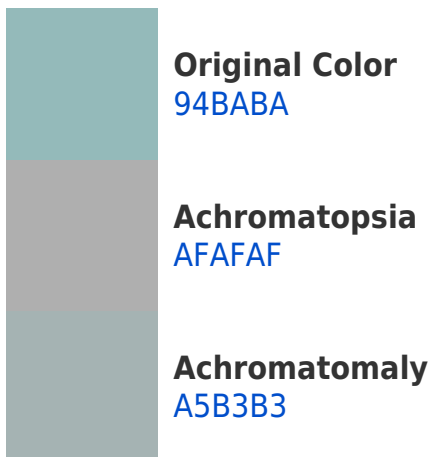


**Tritanopia**  
97B8C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #94BABA colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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