

# Converting Colors

Hex(94AFB7)

Have a look what the booklet for  
Hex(94AFB7) contains.

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# **Color**

**Hex(94AFB7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	94AFB7
RGB	148, 175, 183
RGB Percent	58%, 69%, 72%
CMY	0.4196, 0.3137, 0.2824
CMYK	0.19, 0.04, 0.00, 0.28
HSL	194°, 20%, 65%
HSV	194°, 19%, 72%
XYZ	36.0900, 40.3747, 50.6907
YIQ	167.8390, -18.6600, -3.2360

# Conversions

## Conversions Part 2

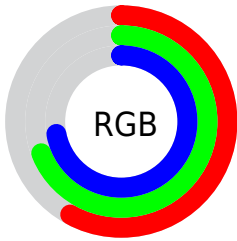
<b>Format</b>	<b>Color</b>
<b>RYB</b>	148, 163, 183
Decimal	9744311
CIELab	69.74, -7.49, -7.19
CIELCh	70, 10.378, 223.836
Yxy	40.3747, 0.2838, 0.3175
Android (android.graphics.Color)	4287934391 (0xFF94AFB7)
YUV	167.8390, 7.4744, -17.3988
Hunter-Lab	63.5411, -9.8129, -2.8205

# Details

The Hex color **94AFB7** is a light color, and the websafe version is hex **999999**. A complement of this color would be **B79C94**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **CAE7EF**, and **617B82** is the 20% darker color. If you saturate the color by 10%, you get **82ABB7**, and if you desaturate by 10%, it is **A6B3B7**.

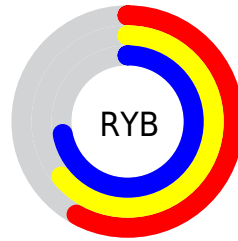
# Distribution



Red (58%)

Green (69%)

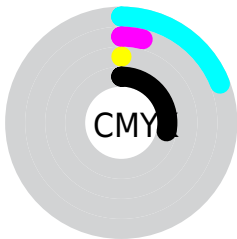
Blue (72%)



Red (58%)

Yellow (64%)

Blue (72%)

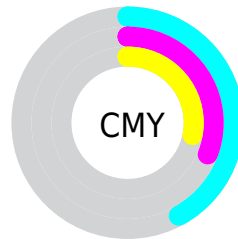


Cyan (19%)

Magenta (4%)

Yellow (0%)

Black (28%)



Cyan (42%)

Magenta (31%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 94AFB7 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 94AFB7 by changing the saturation by 10% instead.





94AFB7



94AFB7

FFFFFF



7A949C



CAE7EF



617B82



E7FFFF



486269



314A51



1A333A



041E24



00010F



000000



94AFB7



94AFB7

82ABB7

A6B3B7

6FA7B7

B9B7B7

5DA2B7

CBBCB7

4B9EB7

DDC0B7

399AB7

F0C4B7

2696B7

FFC8B7

1492B7

FFCCB7

028EB7

FFD0B7

008DB7

FFD5B7

# Harmonies

## Analogous

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



93B0AE



94AFB7



9BADBC

# Triad

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



94AFB7



BBA5B0



AEAB98

# Complementary

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



94AFB7



B79C94

# 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.



B7A899



94AFB7



BFA4A6

# Square

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



94AFB7



B2A7B8



BDA59E



A3AE9D

# Rectangle

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



94AFB7



A2ABBD



BDA59E



B1AA98

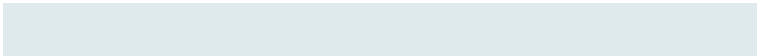


# Sweetspot

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



94AFB7



DFEAED



94B79C



6F7678



F7F7F7



787878



# Same Dimension

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



94AFB7



B7E1ED



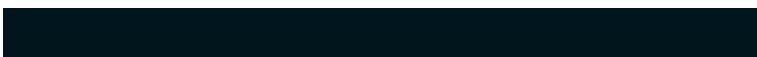
949EB7



535A5C



00789C



00161C



# Inverse Universe

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



B794AF



EDB7E1



B7AD94



5C535A



9C0078

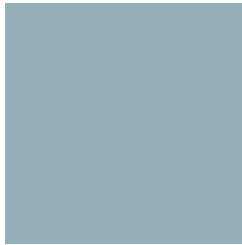


1C0016



# Previews

## White Background



This preview shows how the Hex color 94AFB7 looks on a white background.

## Color Contrast Check

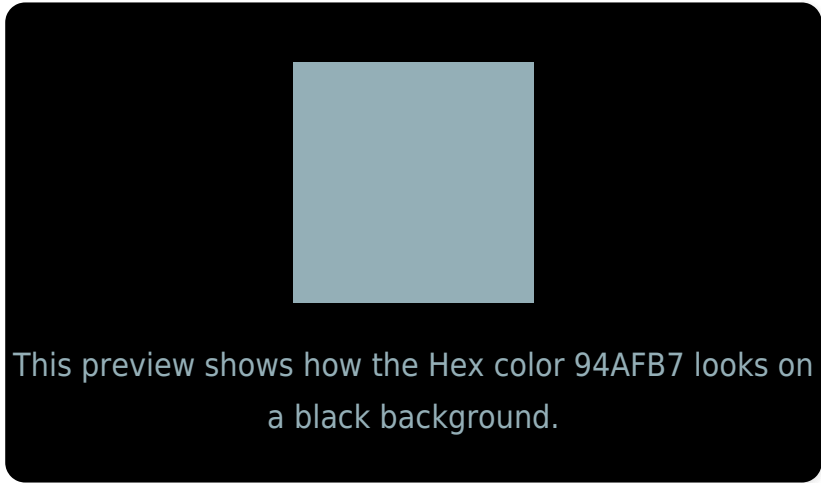
Large Text (above 18pt) WCAG AA × Fail

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

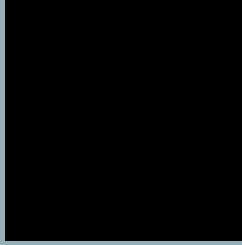
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

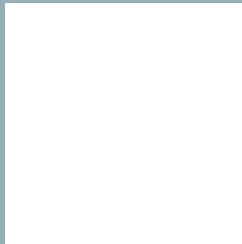
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 94AFB7 Background



This preview shows how black text looks on a background with the Hex color 94AFB7.

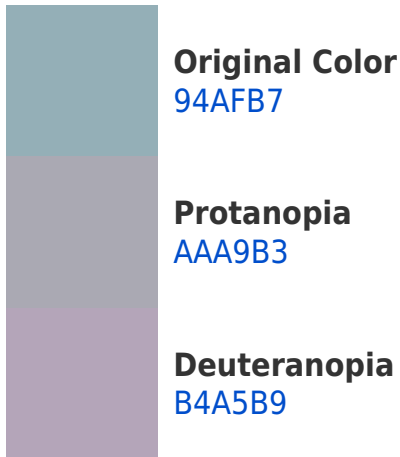


This preview shows how white text looks on a background with the Hex color 94AFB7.

# 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](#).

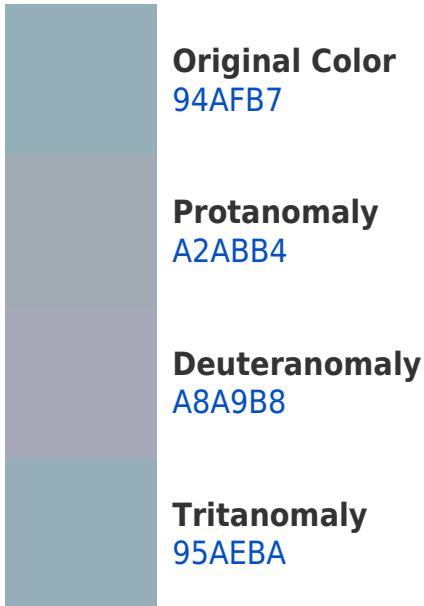
## Dichromacy



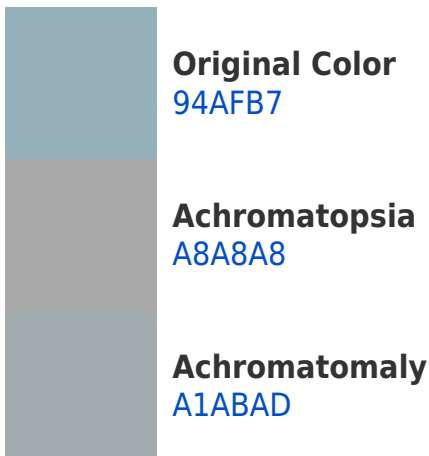


**Tritanopia**  
95AEBC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 94AFB7 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 #94AFB7 looks like.

```
.text, #text, p{  
    color:#94AFB7  
}
```

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 #94AFB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94AFB7
}
```

## Border

The CSS property to change the border of an element to Hex 94AFB7 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
#94AFB7 }
```

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

```
.border{ border-color:#94AFB7 }
```

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

Here you see how a box with a 4 pixel #94AFB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94AFB7; -webkit-box-shadow:4px 4px  
4px 4px #94AFB7; box-shadow:4px 4px 4px  
4px #94AFB7 }
```

# Background

The CSS property to change the background color of an element to Hex 94AFB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94AFB7 }
```

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

```
.background{ background-color:#94AFB7 }
```

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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