

# Converting Colors

Hex(94C8D9)

Have a look what the booklet for  
Hex(94C8D9) contains.

<b>Hex(94C8D9)</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(94C8D9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	94C8D9
RGB	148, 200, 217
RGB Percent	58%, 78%, 85%
CMY	0.4196, 0.2157, 0.1490
CMYK	0.32, 0.08, 0.00, 0.15
HSL	195°, 48%, 72%
HSV	195°, 32%, 85%
XYZ	45.3914, 52.6142, 73.4088
YIQ	186.3900, -36.4490, -5.7370

# Conversions

## Conversions Part 2

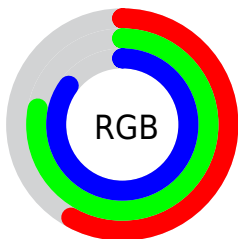
<b>Format</b>	<b>Color</b>
<b>RYB</b>	148, 178, 217
Decimal	9750745
CIELab	77.65, -12.82, -13.91
CIELCh	78, 18.921, 227.328
Yxy	52.6142, 0.2648, 0.3069
Android (android.graphics.Color)	4287940825 (0xFF94C8D9)
YUV	186.3900, 15.0907, -33.6680
Hunter-Lab	72.5357, -15.2356, -9.2288

# Details

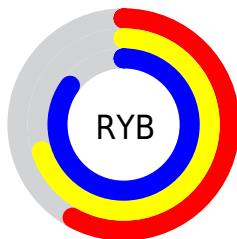
The Hex color **94C8D9** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D9A594**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **CCFFFF**, and **5F92A2** is the 20% darker color. If you saturate the color by 10%, you get **7EC3D9**, and if you desaturate by 10%, it is **AACDD9**.

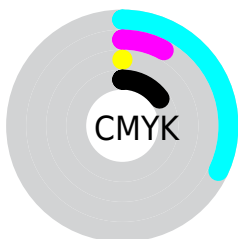
# Distribution



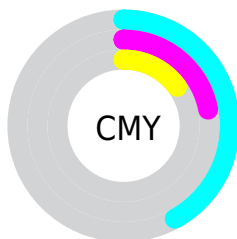
- Red (58%)
- Green (78%)
- Blue (85%)



- Red (58%)
- Yellow (70%)
- Blue (85%)



- Cyan (32%)
- Magenta (8%)
- Yellow (0%)
- Black (15%)



- Cyan (42%)
- Magenta (22%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 94C8D9 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 94C8D9 by changing the saturation by 10% instead.



■ 94C8D9

■ 94C8D9

FFFFFF

■ 79ADBD

■ CCFFFF

■ 5F92A2

■ E9FFFF

■ 447888

■ 2A5F6F

■ 094856

■ 00313F

■ 001D29

■ 000115

■ 000000

■ 94C8D9

■ 94C8D9

■ 7EC3D9

■ AACDD9

■ 69BDD9

■ BFD3D9

■ 53B8D9

■ D5D8D9

■ 3DB3D9

■ EBDDD9

■ 28ADD9

■ FFE3D9

■ 12A8D9

■ FFE8D9

■ 00A4D9

■ FFEDD9

■ FFF3D9

■ FFF8D9

# Harmonies

## Analogous

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



92CACA



94C8D9



A3C4E2

# Triad

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



94C8D9



DFB4C8



C3C29E

# Complementary

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



94C8D9



D9A594

# 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.



D5BC9E



94C8D9



E5B4B6

# Square

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



94C8D9



CFB8D8



E1B7A7



AFC7A8

# Rectangle

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



94C8D9



B2C0E2



E1B7A7



C9C09D



# Sweetspot

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



94C8D9



E6F9FF



94D9A4



707C80



000000



808080

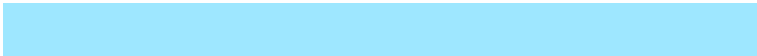


# Same Dimension

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



94C8D9



9EE7FF



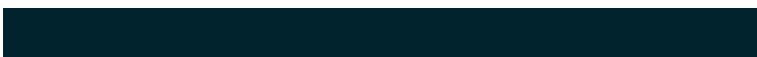
94A6D9



636B6E



0083AD



00232E



# Inverse Universe

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



D994C8



FF9EE7



D9C794



6E636B



AD0083

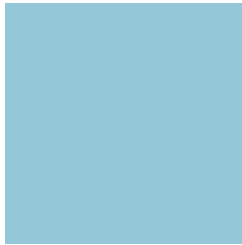


2E0023



# Previews

## White Background



This preview shows how the Hex color 94C8D9 looks on a white background.

## Color Contrast Check

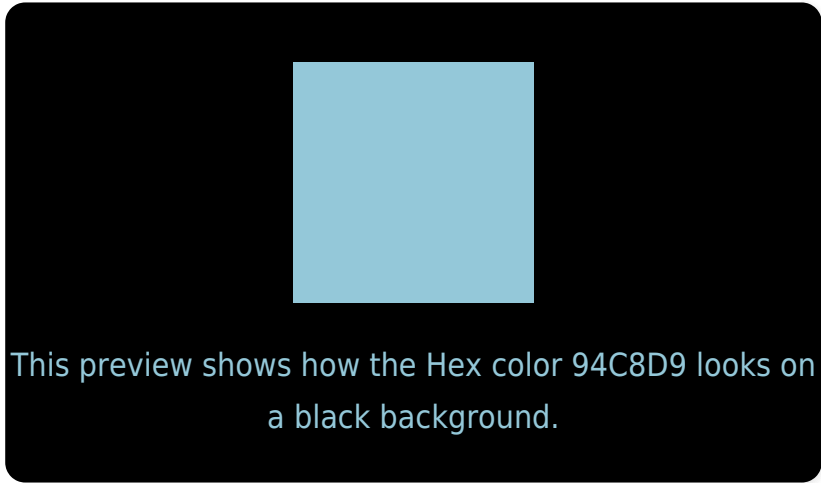
Large Text (above 18pt) WCAG AA × Fail

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

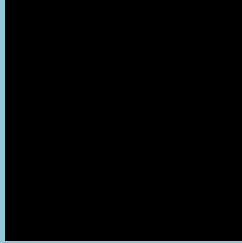
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

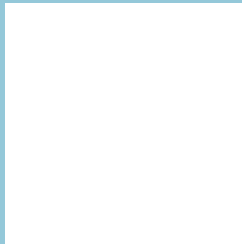
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 94C8D9 Background



This preview shows how black text looks on a background with the Hex color 94C8D9.

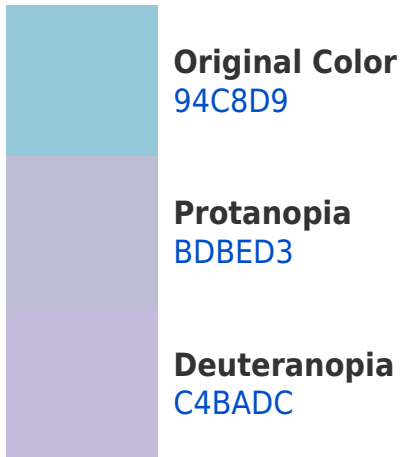


This preview shows how white text looks on a background with the Hex color 94C8D9.

# 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](#).

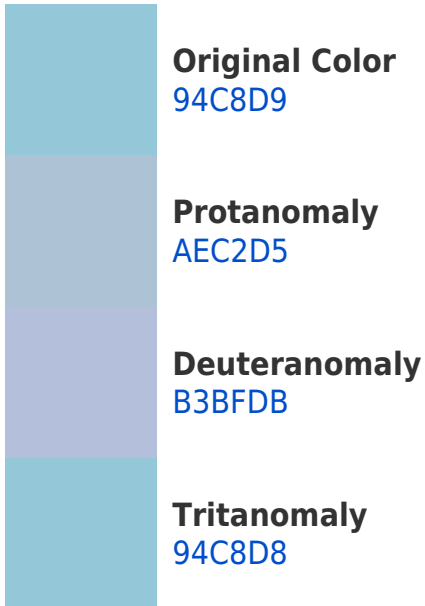
## Dichromacy



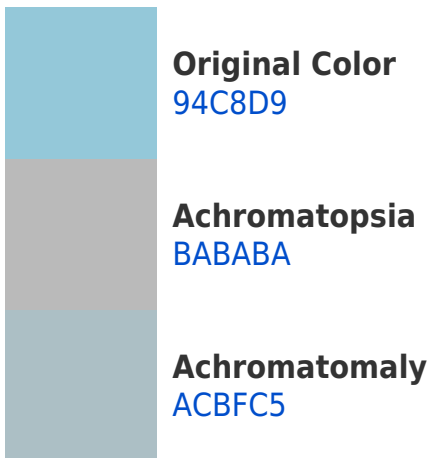


**Tritanopia**  
94C8D8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 94C8D9 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 #94C8D9 looks like.

```
.text, #text, p{  
    color:#94C8D9  
}
```

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 #94C8D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94C8D9
}
```

## Border

The CSS property to change the border of an element to Hex 94C8D9 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
#94C8D9 }
```

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

```
.border{ border-color:#94C8D9 }
```

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

Here you see how a box with a 4 pixel #94C8D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94C8D9; -webkit-box-shadow:4px 4px  
4px 4px #94C8D9; box-shadow:4px 4px 4px  
4px #94C8D9 }
```

# Background

The CSS property to change the background color of an element to Hex 94C8D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94C8D9 }
```

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

```
.background{ background-color:#94C8D9 }
```

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