

# Converting Colors

Hex(94C3D8)

Have a look what the booklet for  
Hex(94C3D8) contains.

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# **Color**

**Hex(94C3D8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	94C3D8
RGB	148, 195, 216
RGB Percent	58%, 76%, 85%
CMY	0.4196, 0.2353, 0.1529
CMYK	0.31, 0.10, 0.00, 0.15
HSL	199°, 47%, 71%
HSV	199°, 31%, 85%
XYZ	44.1225, 50.2840, 72.3460
YIQ	183.3410, -34.7530, -3.4330

# Conversions

## Conversions Part 2

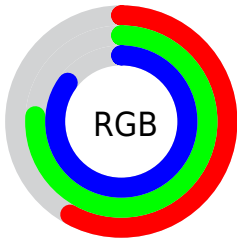
<b>Format</b>	<b>Color</b>
<b>RYB</b>	148, 176, 216
Decimal	9749464
CIELab	76.24, -10.45, -15.48
CIELCh	76, 18.679, 235.975
Yxy	50.2840, 0.2646, 0.3015
Android (android.graphics.Color)	4287939544 (0xFF94C3D8)
YUV	183.3410, 16.1009, -30.9941
Hunter-Lab	70.9112, -13.0279, -10.8518

# Details

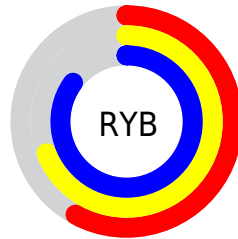
The Hex color **94C3D8** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D8A994**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **CCFCFF**, and **5F8DA1** is the 20% darker color. If you saturate the color by 10%, you get **7EBCD8**, and if you desaturate by 10%, it is **AACAD8**.

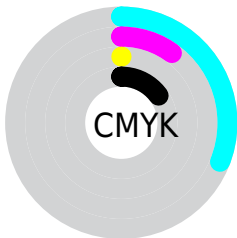
# Distribution



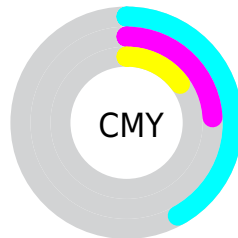
- Red (58%)
- Green (76%)
- Blue (85%)



- Red (58%)
- Yellow (69%)
- Blue (85%)



- Cyan (31%)
- Magenta (10%)
- Yellow (0%)
- Black (15%)



- Cyan (42%)
- Magenta (24%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 94C3D8 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 94C3D8 by changing the saturation by 10% instead.



 94C3D8

 94C3D8

FFFFFF

 79A8BC

 CCFCFF

 5F8DA1

 E8FFFF

 457487

 2B5B6E

 0C4455

 002D3E

 001928

 000113

 000000

94C3D8

94C3D8

7EBCD8

AACAD8

69B6D8

BFD0D8

53AFD8

D5D7D8

3EA8D8

EADED8

28A2D8

FFE4D8

129BD8

FFEBD8

0095D8

FFF2D8

FFF8D8

FFFFD8

# Harmonies

## Analogous

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



8EC6CA



94C3D8



A6BEDE

# Triad

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



94C3D8



DDB0BF



B9C09D

# Complementary

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



94C3D8



D8A994

# 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.



CCBA9A



94C3D8



E0B1AE

# Square

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



94C3D8



D0B3D0



DAB5A0



A6C4A8

# Rectangle

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



94C3D8



B5BADD



DAB5A0



C0BE9B

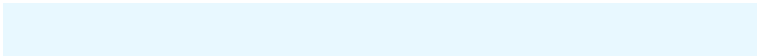


# Sweetspot

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



94C3D8



E8F8FF



94D8A8



717B80



000000



808080

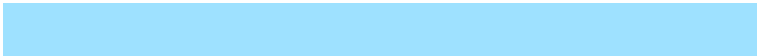


# Same Dimension

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



94C3D8



9EE1FF



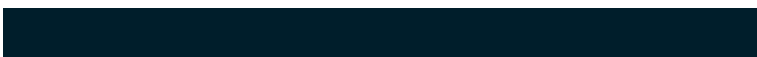
94A2D8



60686B



0076AB



001E2B



# Inverse Universe

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



D894C3



FF9EE1



D8CA94



6B6068



AB0076

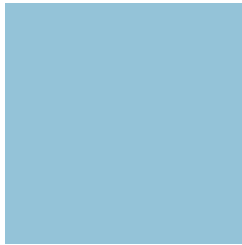


2B001E



# Previews

## White Background



This preview shows how the Hex color 94C3D8 looks on a white background.

## Color Contrast Check

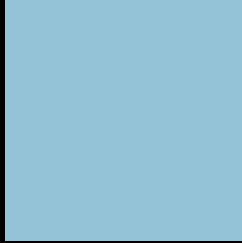
Large Text (above 18pt) WCAG AA × Fail

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 94C3D8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

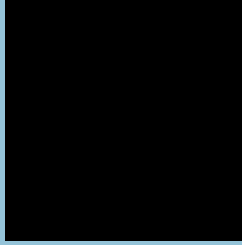
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 94C3D8 Background



This preview shows how black text looks on a background with the Hex color 94C3D8.

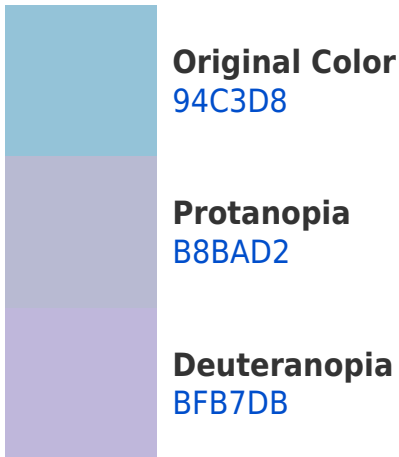


This preview shows how white text looks on a background with the Hex color 94C3D8.

# 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](#).

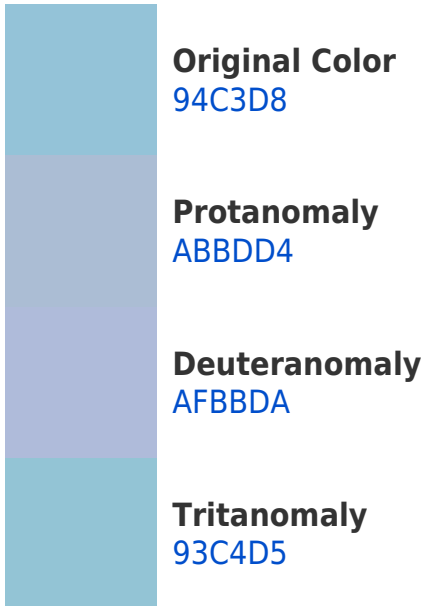
## Dichromacy



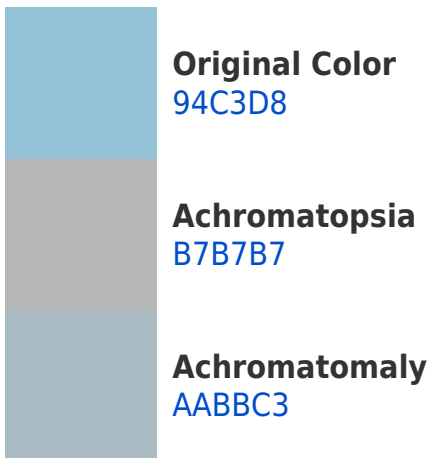


**Tritanopia**  
93C4D3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 94C3D8 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 #94C3D8 looks like.

```
.text, #text, p{  
    color:#94C3D8  
}
```

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 #94C3D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94C3D8  
}
```

## Border

The CSS property to change the border of an element to Hex 94C3D8 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  
#94C3D8 }
```

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

```
.border{ border-color:#94C3D8 }
```

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

Here you see how a box with a 4 pixel #94C3D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94C3D8; -webkit-box-shadow:4px 4px  
4px 4px #94C3D8; box-shadow:4px 4px 4px  
4px #94C3D8 }
```

# Background

The CSS property to change the background color of an element to Hex 94C3D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94C3D8 }
```

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

```
.background{ background-color:#94C3D8 }
```

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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