

# Converting Colors

Hex(93C8DA)

Have a look what the booklet for  
Hex(93C8DA) contains.

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# **Color**

**Hex(93C8DA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	93C8DA
RGB	147, 200, 218
RGB Percent	58%, 78%, 85%
CMY	0.4235, 0.2157, 0.1451
CMYK	0.33, 0.08, 0.00, 0.15
HSL	195°, 49%, 72%
HSV	195°, 33%, 85%
XYZ	45.3418, 52.5736, 74.0876
YIQ	186.2050, -37.3660, -5.6380

# Conversions

## Conversions Part 2

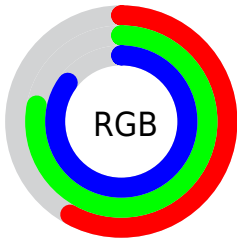
Format	Color
<a href="#">RYB</a>	<a href="#">147, 177, 218</a>
Decimal	<a href="#">9685210</a>
CIELab	<a href="#">77.62, -12.86, -14.49</a>
CIElCh	<a href="#">78, 19.378, 228.408</a>
Yxy	<a href="#">52.5736, 0.2636, 0.3057</a>
Android (android.graphics.Color)	<a href="#">4287875290 (0xFF93C8DA)</a>
YUV	<a href="#">186.2050, 15.6749, -34.3828</a>
Hunter-Lab	<a href="#">72.5076, -15.2655, -9.8266</a>

# Details

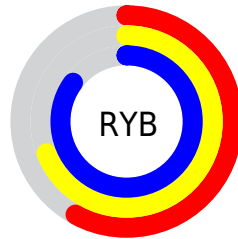
The Hex color **93C8DA** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DAA593**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **CBFFFF**, and **5D92A3** is the 20% darker color. If you saturate the color by 10%, you get **7DC2DA**, and if you desaturate by 10%, it is **A9CEDA**.

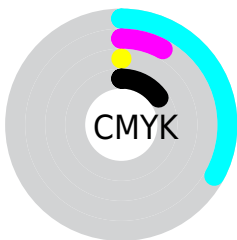
# Distribution



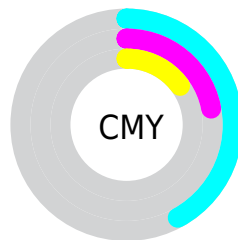
- Red (58%)
- Green (78%)
- Blue (85%)



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



- Cyan (33%)
- Magenta (8%)
- Yellow (0%)
- Black (15%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 93C8DA 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 93C8DA by changing the saturation by 10% instead.



 93C8DA

 93C8DA

FFFFFF

 78ADBE

 CBFFFF

 5D92A3

 E8FFFF

 437889

 285F6F

 064857

 003140

 001D2A

 000115

 000000

■ 93C8DA

■ 93C8DA

■ 7DC2DA

■ A9CEDA

■ 67BDDA

■ BFD3DA

■ 52B7DA

■ D4D9DA

■ 3CB2DA

■ EADEDA

■ 26ACDA

■ FFE4DA

■ 10A7DA

■ FFE9DA

■ 00A3DA

■ FFEFDA

■ FFF4DA

■ FFFADA

# Harmonies

## Analogous

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



90CACA



93C8DA



A3C4E3

# Triad

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



93C8DA



E0B4C8



C2C29E

# Complementary

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



93C8DA



DAA593

# 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.



D5BC9D



93C8DA



E6B4B5

# Square

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



93C8DA



D0B8D8



E1B7A6



ADC7A8

# Rectangle

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



93C8DA



B2C0E3



E1B7A6



C9C09C

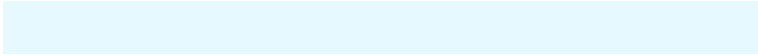


# Sweetspot

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



93C8DA



E6F9FF



93DAA5



707C80



000000



808080

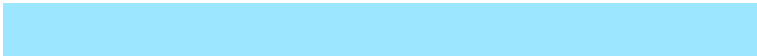


# Same Dimension

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



93C8DA



9CE6FF



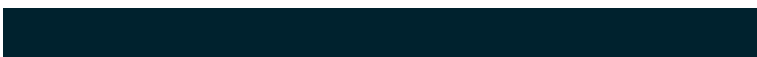
93A5DA



636B6E



0081AD



00222E



# Inverse Universe

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



DA93C8



FF9CE6



DAC893



6E636B



AD0081

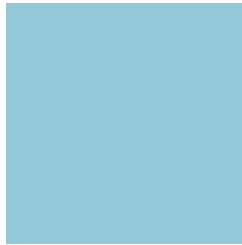


2E0022



# Previews

## White Background



This preview shows how the Hex color 93C8DA looks on a white background.

## Color Contrast Check

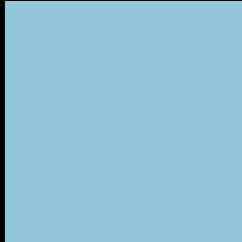
Large Text (above 18pt) WCAG AA × Fail

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 93C8DA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

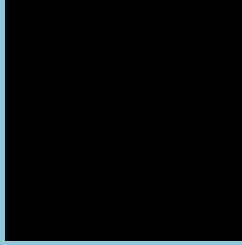
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 93C8DA Background



This preview shows how black text looks on a background with the Hex color 93C8DA.

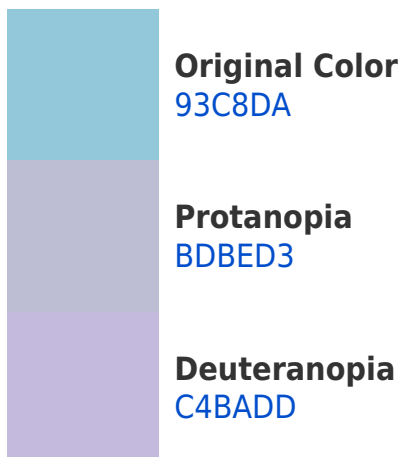


This preview shows how white text looks on a background with the Hex color 93C8DA.

# 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](#).

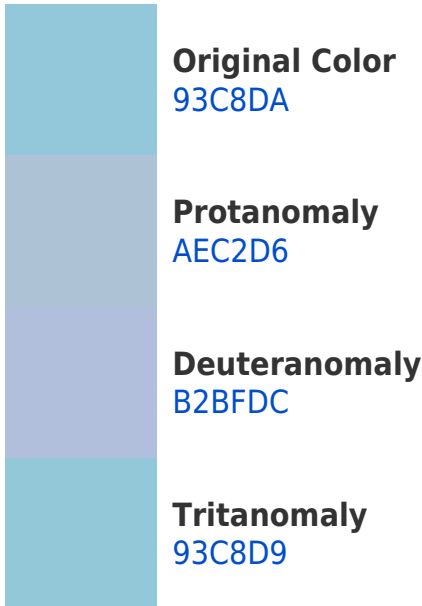
## Dichromacy



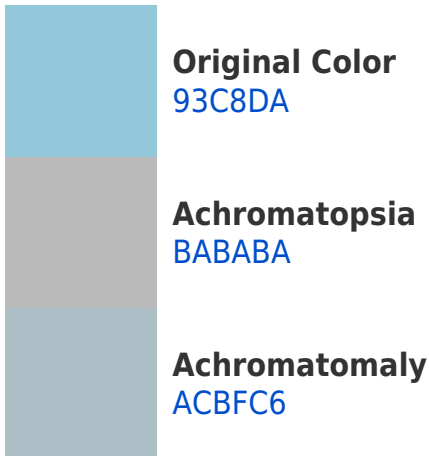


**Tritanopia**  
93C8D8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 93C8DA 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 #93C8DA looks like.

```
.text, #text, p{  
    color:#93C8DA  
}
```

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 #93C8DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93C8DA
}
```

## Border

The CSS property to change the border of an element to Hex 93C8DA 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
#93C8DA }
```

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

```
.border{ border-color:#93C8DA }
```

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

Here you see how a box with a 4 pixel #93C8DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93C8DA; -webkit-box-shadow:4px 4px  
4px 4px #93C8DA; box-shadow:4px 4px 4px  
4px #93C8DA }
```

# Background

The CSS property to change the background color of an element to Hex 93C8DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93C8DA }
```

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

```
.background{ background-color:#93C8DA }
```

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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