

# Converting Colors

Hex(93BCD8)

Have a look what the booklet for  
Hex(93BCD8) contains.

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# **Color**

**Hex(93BCD8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	93BCD8
RGB	147, 188, 216
RGB Percent	58%, 74%, 85%
CMY	0.4235, 0.2627, 0.1529
CMYK	0.32, 0.13, 0.00, 0.15
HSL	204°, 47%, 71%
HSV	204°, 32%, 85%
XYZ	42.4105, 47.1274, 71.8270
YIQ	178.9330, -33.4240, 0.0160

# Conversions

## Conversions Part 2

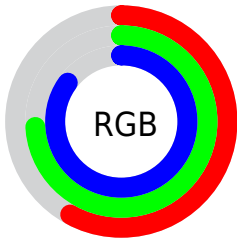
Format	Color
<a href="#">RYB</a>	<a href="#">147, 173, 216</a>
Decimal	<a href="#">9682136</a>
CIELab	<a href="#">74.27, -7.03, -18.46</a>
CIElCh	<a href="#">74, 19.754, 249.168</a>
Yxy	<a href="#">47.1274, 0.2628, 0.2921</a>
Android (android.graphics.Color)	<a href="#">4287872216 (0xFF93BCD8)</a>
YUV	<a href="#">178.9330, 18.2740, -28.0052</a>
Hunter-Lab	<a href="#">68.6494, -9.8619, -13.9798</a>

# Details

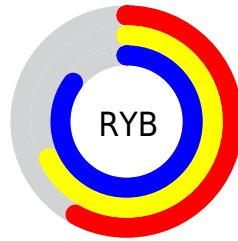
The Hex color **93BCD8** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **D8AF93**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **CBF4FF**, and **5E87A1** is the 20% darker color. If you saturate the color by 10%, you get **7DB3D8**, and if you desaturate by 10%, it is **A9C5D8**.

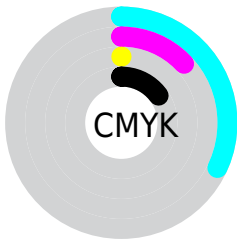
# Distribution



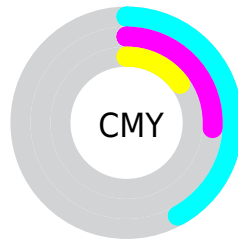
- Red (58%)
- Green (74%)
- Blue (85%)



- Red (58%)
- Yellow (68%)
- Blue (85%)



- Cyan (32%)
- Magenta (13%)
- Yellow (0%)
- Black (15%)



- Cyan (42%)
- Magenta (26%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 93BCD8 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 93BCD8 by changing the saturation by 10% instead.



■ 93BCD8

■ 93BCD8

FFFFFF

■ 78A1BC

■ CBF4FF

■ 5E87A1

■ E7FFFF

■ 446E87

■ 2A556E

■ 0B3E55

■ 00283E

■ 001428

■ 000113

■ 000000

 93BCD8

 93BCD8

 7DB3D8

 A9C5D8

 68AAD8

 BECED8

 52A2D8


 D4D6D8

 3D99D8

 E9DFD8

 2790D8

 FFE8D8

 1187D8

 FFF1D8

 0080D8

 FFF9D8

 FFFF8D

# Harmonies

## Analogous

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



86C0CD



93BCD8



A9B6DA

# Triad

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



93BCD8



DCAAB2



AABD9A

# Complementary

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



93BCD8



D8AF93

# 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.



BFB793



93BCD8



DBACA1

# Square

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



93BCD8



D3ABC4



D0B195



97C0A9

# Rectangle

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



93BCD8



B9B2D6



D0B195



B1BB97

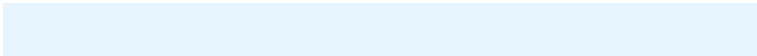


# Sweetspot

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



93BCD8



E6F5FF



93D8AF



707980



000000



808080

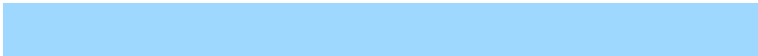


# Same Dimension

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



93BCD8



9ED8FF



939AD8



60676B



0066AB



001A2B



# Inverse Universe

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



D893BC



FF9ED8



D8D193



6B6067



AB0066

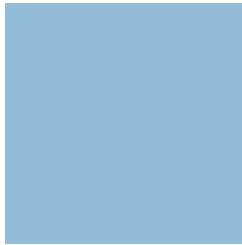


2B001A



# Previews

## White Background



This preview shows how the Hex color 93BCD8 looks on a white background.

## Color Contrast Check

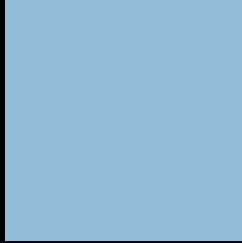
Large Text (above 18pt) WCAG AA × Fail

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 93BCD8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

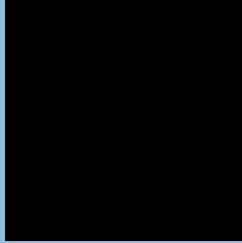
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 93BCD8 Background



This preview shows how black text looks on a background with the Hex color 93BCD8.

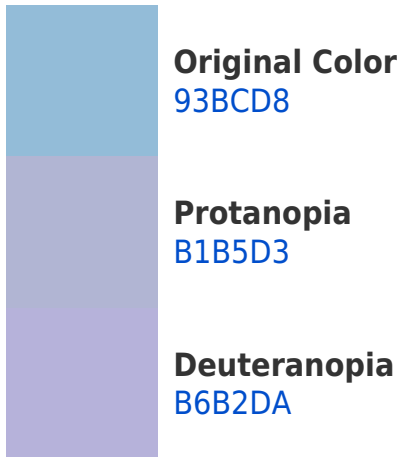


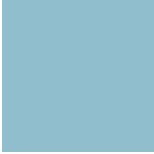
This preview shows how white text looks on a background with the Hex color 93BCD8.

# 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](#).

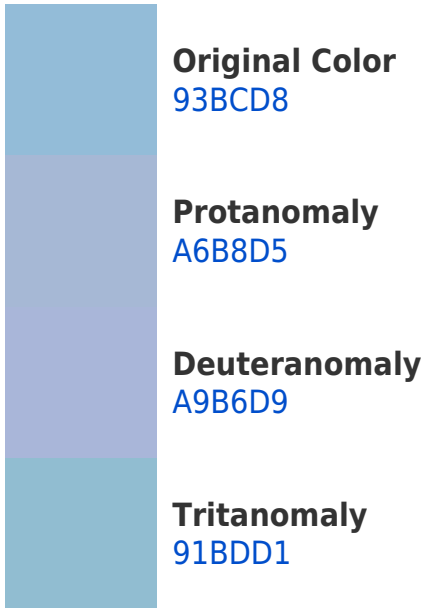
## Dichromacy



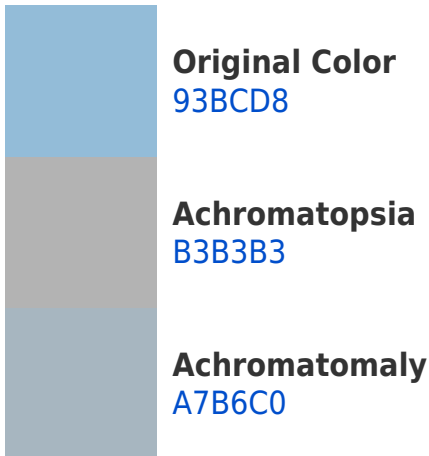


**Tritanopia**  
90BECD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 93BCD8 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 #93BCD8 looks like.

```
.text, #text, p{  
    color:#93BCD8  
}
```

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 #93BCD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93BCD8
}
```

## Border

The CSS property to change the border of an element to Hex 93BCD8 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
#93BCD8 }
```

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

```
.border{ border-color:#93BCD8 }
```

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

Here you see how a box with a 4 pixel #93BCD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93BCD8; -webkit-box-shadow:4px 4px  
4px 4px #93BCD8; box-shadow:4px 4px 4px  
4px #93BCD8 }
```

# Background

The CSS property to change the background color of an element to Hex 93BCD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93BCD8 }
```

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

```
.background{ background-color:#93BCD8 }
```

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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