

# Converting Colors

Hex(93BCCB)

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

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# **Color**

**Hex(93BCCB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	93BCCB
RGB	147, 188, 203
RGB Percent	58%, 74%, 80%
CMY	0.4235, 0.2627, 0.2039
CMYK	0.28, 0.07, 0.00, 0.20
HSL	196°, 35%, 69%
HSV	196°, 28%, 80%
XYZ	40.7953, 46.4813, 63.3216
YIQ	177.4510, -29.2510, -4.0270

# Conversions

## Conversions Part 2

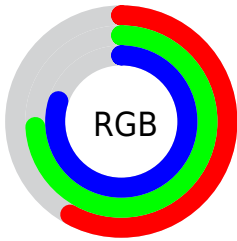
Format	Color
<b>RYB</b>	147, 171, 203
Decimal	9682123
CIELab	73.86, -10.15, -12.01
CIELCh	74, 15.729, 229.803
Yxy	46.4813, 0.2709, 0.3086
Android (android.graphics.Color)	4287872203 (0xFF93BCCB)
YUV	177.4510, 12.5957, -26.7055
Hunter-Lab	68.1772, -12.5006, -7.3433

# Details

The Hex color **93BCCB** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **CBA293**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **CAF4FF**, and **5F8795** is the 20% darker color. If you saturate the color by 10%, you get **7FB7CB**, and if you desaturate by 10%, it is **A7C1CB**.

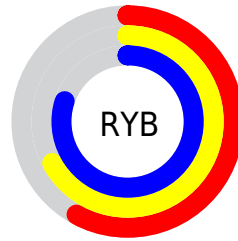
# Distribution



Red (58%)

Green (74%)

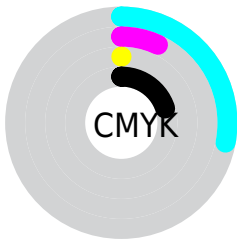
Blue (80%)



Red (58%)

Yellow (67%)

Blue (80%)

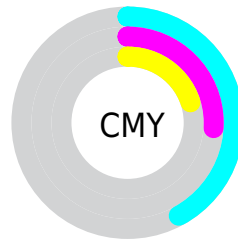


Cyan (28%)

Magenta (7%)

Yellow (0%)

Black (20%)



Cyan (42%)

Magenta (26%)

Yellow (20%)

# Brightness & Saturation Gradients

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



 93BCCB

 93BCCB

FFFFFF

 78A1B0

 CAF4FF

 5F8795

 E7FFFF

 456D7B

 2C5562

 123E4A

 002834

 00141F

 000003

 000000

 93BCCB

 93BCCB

 7FB7CB

 A7C1CB

 6AB1CB

 BCC7CB

 56ACCB

 D0CCCB

 42A6CB

 E4D2CB

 2EA1CB

 F9D7CB

 199BCB

 FFDDCB

 0596CB

 FFE2CB

 0095CB

 FFE7CB

 FFEDCB

# Harmonies

## Analogous

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



90BEBF



93BCCB



A0B8D2

# Triad

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



93BCCB



D0ACBB



B7B89A

# Complementary

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



93BCCB



CBA293

# 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.



C6B399



93BCCB



D4ACAC

# Square

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



93BCCB



C4AFC8



D1AEA0



A6BBA3

# Rectangle

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



93BCCB



ACB5D2



D1AEA0



BCB699

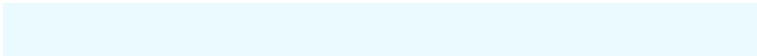


# Sweetspot

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



93BCCB



EBFAFF



93CBA2



737C80



000000



808080

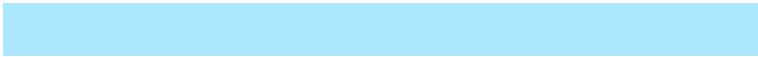


# Same Dimension

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



93BCCB



ABE8FF



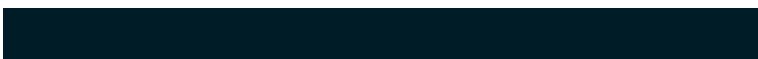
93A0CB



5C6366



0079A6



001C26



# Inverse Universe

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



CB93BC



FFABE8



CBBE93



665C63



A60079

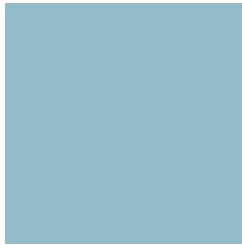


26001C



# Previews

## White Background



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

## Color Contrast Check

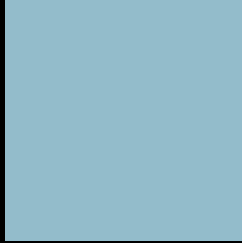
Large Text (above 18pt) WCAG AA × Fail

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 93BCCB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

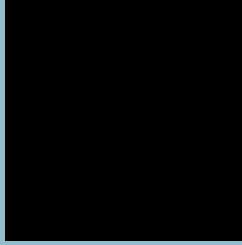
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

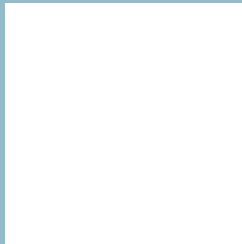
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 93BCCB Background



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

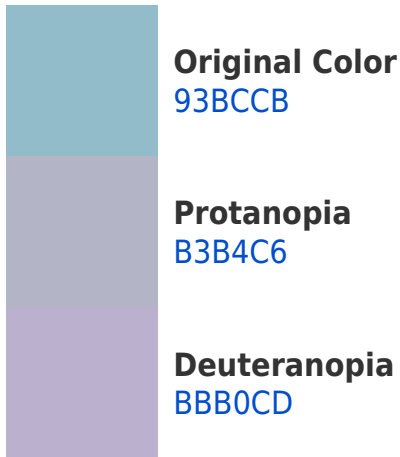


This preview shows how white text looks on a background with the Hex color 93BCCB.

# 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](#).

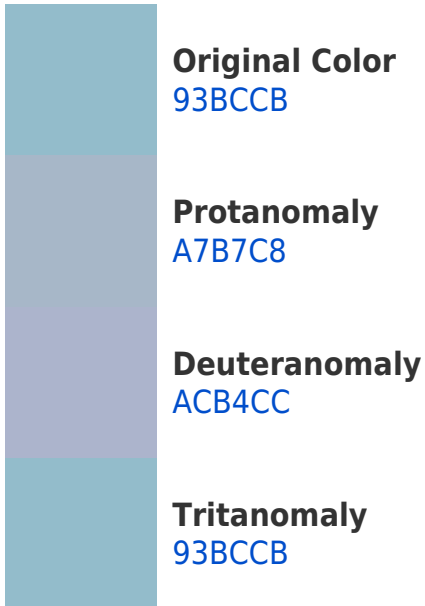
## Dichromacy



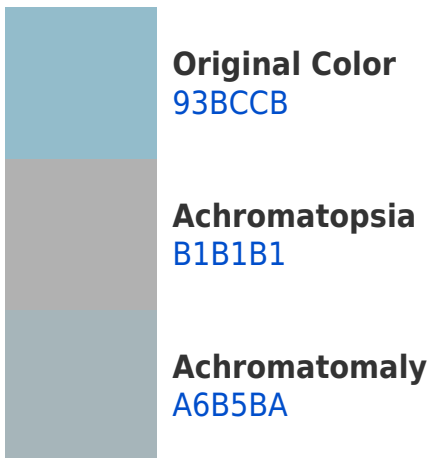


**Tritanopia**  
93BCCB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #93BCCB colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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