

# Converting Colors

Hex(93B5B0)

Have a look what the booklet for  
Hex(93B5B0) contains.

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# **Color**

**Hex(93B5B0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	93B5B0
RGB	147, 181, 176
RGB Percent	58%, 71%, 69%
CMY	0.4235, 0.2902, 0.3098
CMYK	0.19, 0.00, 0.03, 0.29
HSL	171°, 19%, 64%
HSV	171°, 19%, 71%
XYZ	36.3930, 42.3854, 47.3374
YIQ	170.2640, -18.6590, -8.7630

# Conversions

## Conversions Part 2

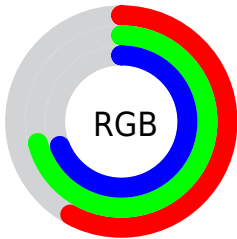
<b>Format</b>	<b>Color</b>
<b>RYB</b>	147, 165, 181
Decimal	9680304
CIELab	71.14, -12.51, -1.28
CIELCh	71, 12.575, 185.828
Yxy	42.3854, 0.2886, 0.3361
Android (android.graphics.Color)	4287870384 (0xFF93B5B0)
YUV	170.2640, 2.8278, -20.4025
Hunter-Lab	65.1041, -14.1511, 2.4629

# Details

The Hex color **93B5B0** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **B59398**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **C9EDE8**, and **60807C** is the 20% darker color. If you saturate the color by 10%, you get **81B5AD**, and if you desaturate by 10%, it is **A5B5B3**.

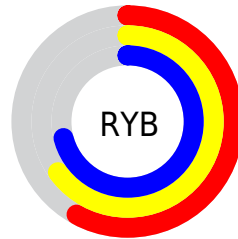
# Distribution



Red (58%)

Green (71%)

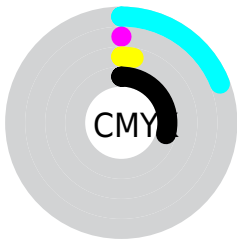
Blue (69%)



Red (58%)

Yellow (65%)

Blue (71%)

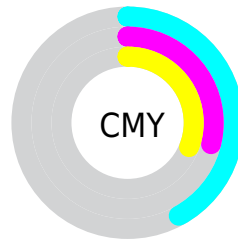


Cyan (19%)

Magenta (0%)

Yellow (3%)

Black (29%)



Cyan (42%)

Magenta (29%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 93B5B0 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 93B5B0 by changing the saturation by 10% instead.



 93B5B0

 93B5B0

FFFFFF

 799A95

 C9EDE8

 60807C

 E6FFFF

 476763

 304F4B

 193834

 03221F

 000807

 000000

 93B5B0

 93B5B0

 81B5AD

 A5B5B3

 6FB5AB

 B7B5B5

 5DB5A8

 C9B5B8

 4BB5A5

 DBB5BB

 38B5A3

 EDB5BD

 26B5A0

 FFB5C0

 14B59D

 FFB5C3

 02B59B

 FFB5C5

 00B59A

 FFB5C8

# Harmonies

## Analogous

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



9CB4A4



93B5B0



91B4BB

# Triad

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



93B5B0



B3ABC1



C0AA9A

# Complementary

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



93B5B0



B59398

# 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.



C6A7A1



93B5B0



BFA8B8

# Square

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



93B5B0



A5AEC5



C6A6AC



B5AE97

# Rectangle

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



93B5B0



95B3C1



C6A6AC



C3A99C



# Sweetspot

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



93B5B0



DDEBE9



98B593



6D7574



F5F5F5



757575



# Same Dimension

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



93B5B0



B5EBE3



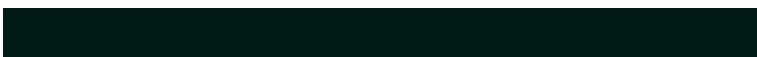
93A9B5



505958



009982



001A16



# Inverse Universe

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



B59398



EBB5BD



B59F93



595052



990017



1A0004



# Previews

## White Background



This preview shows how the Hex color 93B5B0 looks on a white background.

## Color Contrast Check

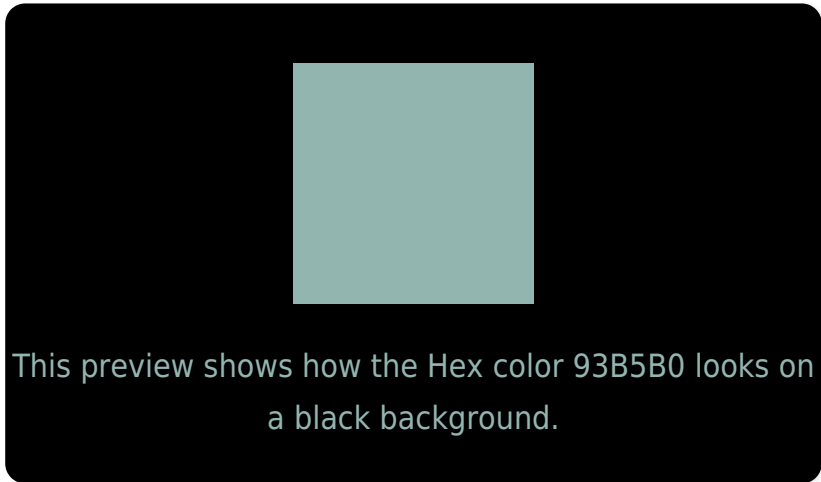
Large Text (above 18pt) WCAG AA × Fail

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

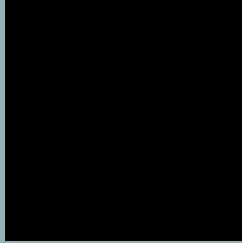
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

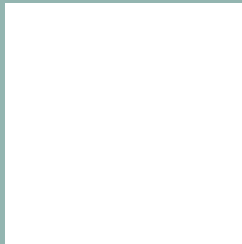
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 93B5B0 Background



This preview shows how black text looks on a background with the Hex color 93B5B0.

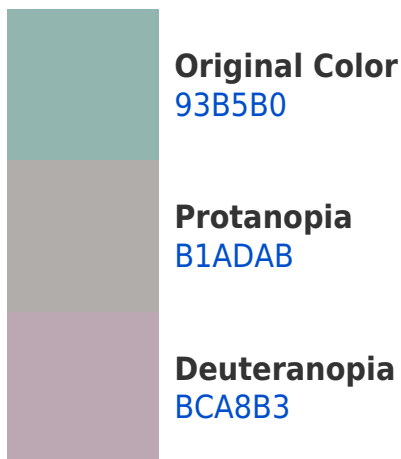


This preview shows how white text looks on a background with the Hex color 93B5B0.

# 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](#).

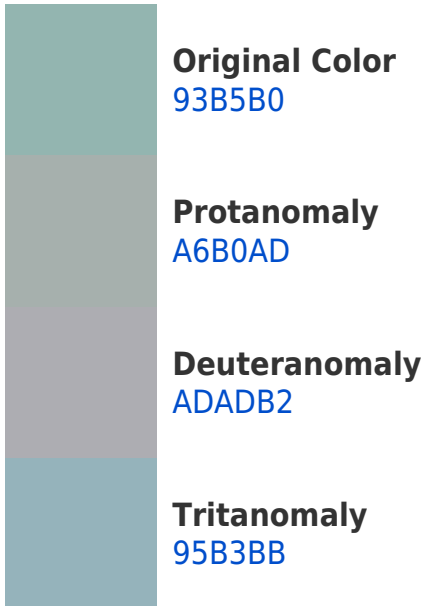
## Dichromacy



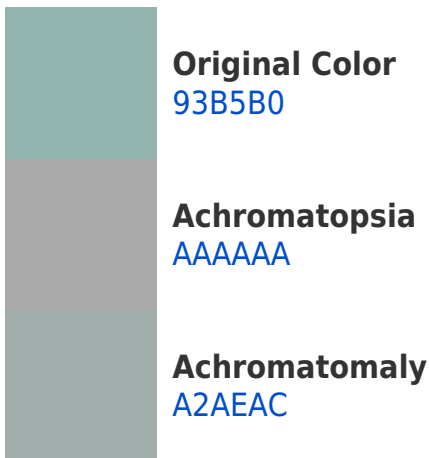


**Tritanopia**  
96B2C1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 93B5B0 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 #93B5B0 looks like.

```
.text, #text, p{  
    color:#93B5B0  
}
```

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 #93B5B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93B5B0
}
```

## Border

The CSS property to change the border of an element to Hex 93B5B0 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
#93B5B0 }
```

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

```
.border{ border-color:#93B5B0 }
```

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

Here you see how a box with a 4 pixel #93B5B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93B5B0; -webkit-box-shadow:4px 4px  
4px 4px #93B5B0; box-shadow:4px 4px 4px  
4px #93B5B0 }
```

# Background

The CSS property to change the background color of an element to Hex 93B5B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93B5B0 }
```

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

```
.background{ background-color:#93B5B0 }
```

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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