

# Converting Colors

Hex(93B7C5)

Have a look what the booklet for  
Hex(93B7C5) contains.

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# **Color**

**Hex(93B7C5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	93B7C5
RGB	147, 183, 197
RGB Percent	58%, 72%, 77%
CMY	0.4235, 0.2824, 0.2275
CMYK	0.25, 0.07, 0.00, 0.23
HSL	197°, 30%, 67%
HSV	197°, 25%, 77%
XYZ	39.0442, 44.1012, 59.2779
YIQ	173.8320, -25.9500, -3.2780

# Conversions

## Conversions Part 2

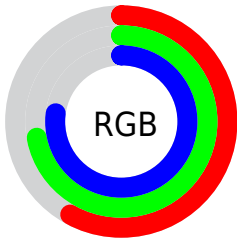
Format	Color
<a href="#">RYB</a>	<a href="#">147, 168, 197</a>
Decimal	<a href="#">9680837</a>
CIELab	<a href="#">72.30, -8.90, -11.07</a>
CIELCh	<a href="#">72, 14.207, 231.207</a>
Yxy	<a href="#">44.1012, 0.2741, 0.3096</a>
Android (android.graphics.Color)	<a href="#">4287870917</a> ( <a href="#">0xFF93B7C5</a> )
YUV	<a href="#">173.8320, 11.4218, -23.5317</a>
Hunter-Lab	<a href="#">66.4088, -11.2686, -6.4374</a>

# Details

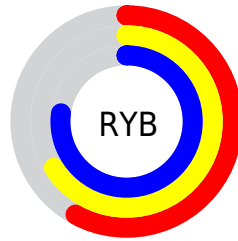
The Hex color **93B7C5** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C5A193**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **CAEFFE**, and **5F828F** is the 20% darker color. If you saturate the color by 10%, you get **7FB1C5**, and if you desaturate by 10%, it is **A7BDC5**.

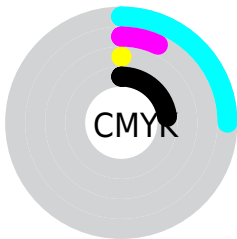
# Distribution



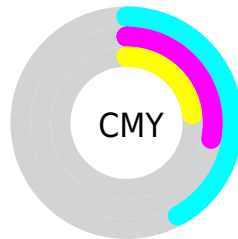
- Red (58%)
- Green (72%)
- Blue (77%)



- Red (58%)
- Yellow (66%)
- Blue (77%)



- Cyan (25%)
- Magenta (7%)
- Yellow (0%)
- Black (23%)



- Cyan (42%)
- Magenta (28%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 93B7C5 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 93B7C5 by changing the saturation by 10% instead.



 93B7C5

 93B7C5

FFFFFF

 799CAA


 CAEFFE

 5F828F

 E6FFFF

 466976

 2E515D

 153A45

 00242F

 000F1A

 000000

 93B7C5

 93B7C5

7FB1C5

A7BDC5

6CACC5

BAC2C5

58A6C5

CEC8C5

44A1C5

E2CDC5

309BC5

F6D3C5

1D96C5

FFD8C5

0990C5

FFDEC5

008EC5

FFE3C5

FFE9C5

# Harmonies

## Analogous

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



90B9BA



93B7C5



9FB4CB

# Triad

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



93B7C5



C9A9B6



B2B399

# Complementary

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



93B7C5



C5A193

# 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.



C0AF98



93B7C5



CDA9A8

# Square

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



93B7C5



BFABC2



C9AB9E



A3B7A1

# Rectangle

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



93B7C5



A9B1CB



C9AB9E



B7B298

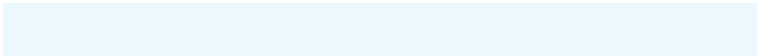


# Sweetspot

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



93B7C5



EBF9FF



93C5A0



737C80



000000



808080

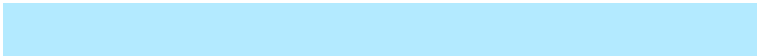


# Same Dimension

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



93B7C5



B3EAFB



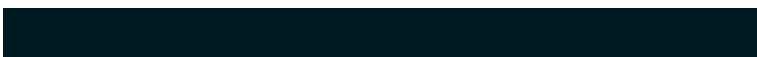
939FC5



5A6163



0076A3



001A24



# Inverse Universe

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



C593B7



FFB3EA



C5B993



635A61



A30076



24001A



# Previews

## White Background



This preview shows how the Hex color 93B7C5 looks on a white background.

## Color Contrast Check

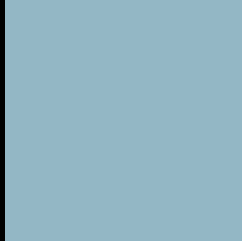
Large Text (above 18pt) WCAG AA × Fail

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 93B7C5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

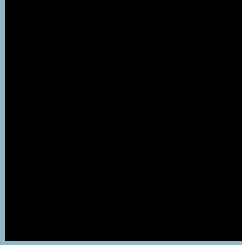
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

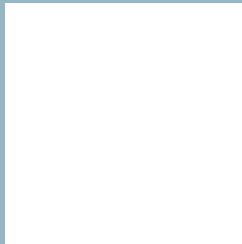
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 93B7C5 Background



This preview shows how black text looks on a background with the Hex color 93B7C5.



This preview shows how white text looks on a background with the Hex color 93B7C5.

# 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](#).

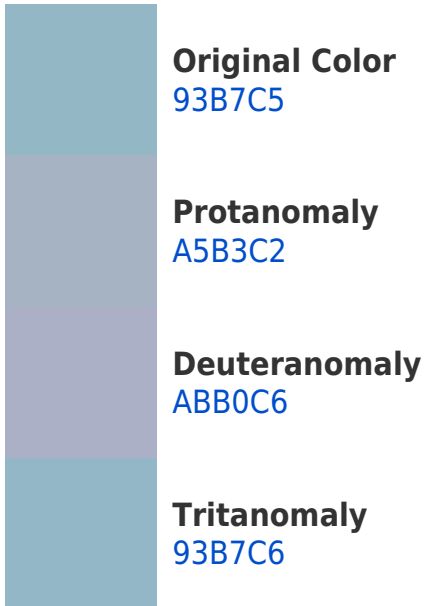
## Dichromacy



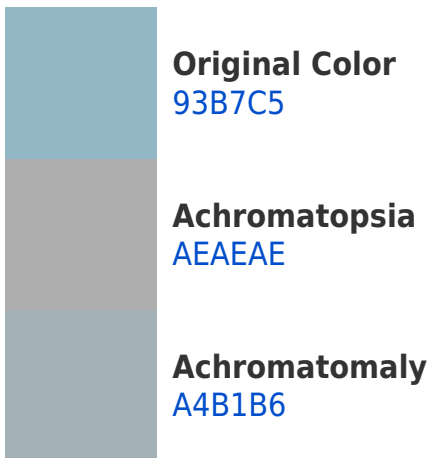


**Tritanopia**  
93B7C6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 93B7C5 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 #93B7C5 looks like.

```
.text, #text, p{  
    color:#93B7C5  
}
```

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 #93B7C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93B7C5
}
```

## Border

The CSS property to change the border of an element to Hex 93B7C5 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
#93B7C5 }
```

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

```
.border{ border-color:#93B7C5 }
```

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

Here you see how a box with a 4 pixel #93B7C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93B7C5; -webkit-box-shadow:4px 4px  
4px 4px #93B7C5; box-shadow:4px 4px 4px  
4px #93B7C5 }
```

# Background

The CSS property to change the background color of an element to Hex 93B7C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93B7C5 }
```

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

```
.background{ background-color:#93B7C5 }
```

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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