

# Converting Colors

Hex(93A1C0)

Have a look what the booklet for  
Hex(93A1C0) contains.

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# **Color**

**Hex(93A1C0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	93A1C0
RGB	147, 161, 192
RGB Percent	58%, 63%, 75%
CMY	0.4235, 0.3686, 0.2471
CMYK	0.23, 0.16, 0.00, 0.25
HSL	221°, 26%, 66%
HSV	221°, 23%, 75%
XYZ	34.2919, 35.4986, 54.9137
YIQ	160.3480, -18.2950, 6.6730

# Conversions

## Conversions Part 2

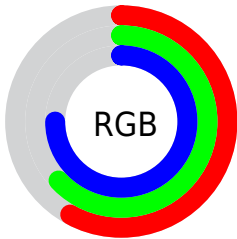
<b>Format</b>	<b>Color</b>
<b>RYB</b>	147, 158, 192
Decimal	9675200
CIELab	66.13, 1.92, -17.59
CIElCh	66, 17.690, 276.227
Yxy	35.4986, 0.2750, 0.2847
Android (android.graphics.Color)	4287865280 (0xFF93A1C0)
YUV	160.3480, 15.6044, -11.7062
Hunter-Lab	59.5807, -1.5297, -12.9393

# Details

The Hex color **93A1C0** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C0B293**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **CAD8F8**, and **606E8A** is the 20% darker color. If you saturate the color by 10%, you get **8094C0**, and if you desaturate by 10%, it is **A6AEC0**.

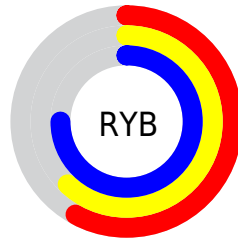
# Distribution



Red (58%)

Green (63%)

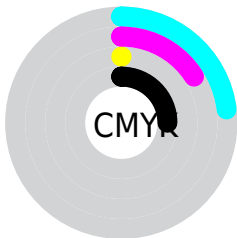
Blue (75%)



Red (58%)

Yellow (62%)

Blue (75%)

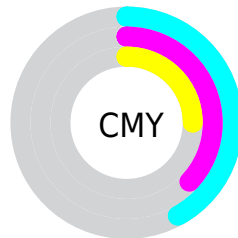


Cyan (23%)

Magenta (16%)

Yellow (0%)

Black (25%)



Cyan (42%)

Magenta (37%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 93A1C0 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 93A1C0 by changing the saturation by 10% instead.



■ 93A1C0

■ 93A1C0

FFFFFF

■ 7987A5

■ CAD8F8

■ 606E8A

■ E6F4FF

■ 475571

■ 2F3E58

■ 182841

■ 01142B

■ 000116

■ 000000

■ 93A1C0

■ 93A1C0

8094C0

A6AEC0

6D87C0

B9BBC0

5979C0

CDC9C0

466CC0

E0D6C0

335FC0

F3E3C0

2052C0

FFF0C0

0D44C0

FFFEC0

003CC0

FFFFC0

# Harmonies

## Analogous

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



80A6BD



93A1C0



A89CBA

# Triad

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



93A1C0



C1978F



86A993

# Complementary

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



93A1C0



C0B293

# 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.



98A587



93A1C0



B89B84

# Square

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



93A1C0



C1969E



AAA181



79AAA4

# Rectangle

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



93A1C0



B498B3



AAA181



8CA88F



# Sweetspot

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



93A1C0



E8EEFA



93C0B2



73767D



FCFCFC



7D7D7D



# Same Dimension

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



93A1C0



B4CAFA



9B93C0



575A61



0032A1



000A21



# Inverse Universe

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



C093A1



FAB4CA



B8C093



61575A



A10032

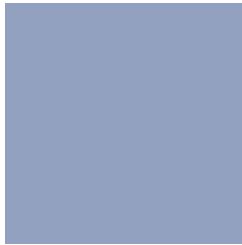


21000A



# Previews

## White Background



This preview shows how the Hex color 93A1C0 looks on a white background.

## Color Contrast Check

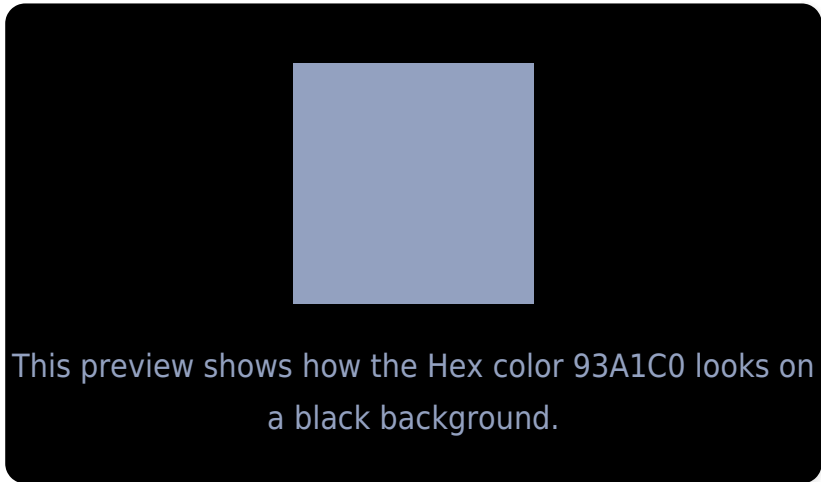
Large Text (above 18pt) WCAG AA × Fail

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

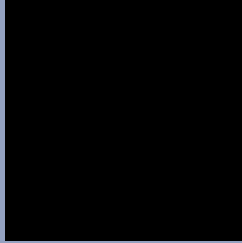
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 93A1C0 Background



This preview shows how black text looks on a background with the Hex color 93A1C0.



This preview shows how white text looks on a background with the Hex color 93A1C0.

# 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



**Original Color**  
93A1C0

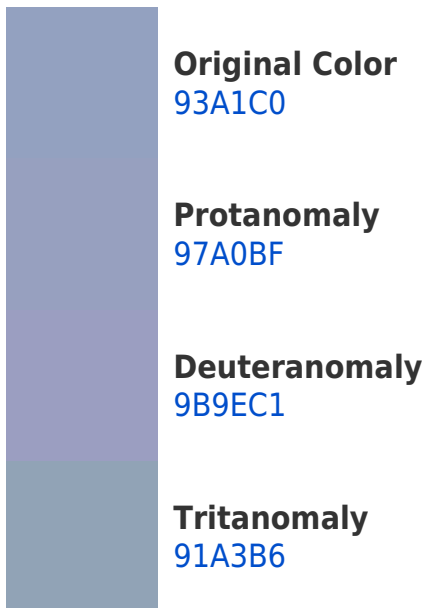
**Protanopia**  
9A9FBF

**Deuteranopia**  
A09DC1

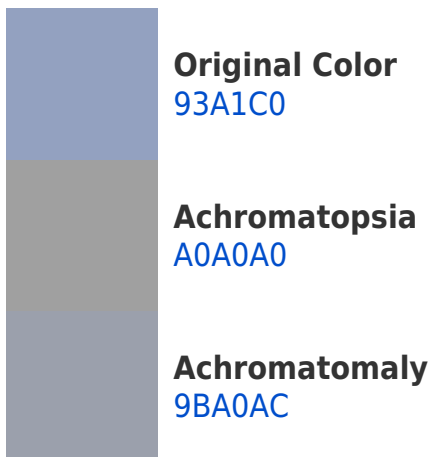


**Tritanopia**  
90A4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 93A1C0 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 #93A1C0 looks like.

```
.text, #text, p{  
    color:#93A1C0  
}
```

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 #93A1C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93A1C0  
}
```

## Border

The CSS property to change the border of an element to Hex 93A1C0 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  
#93A1C0 }
```

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

```
.border{ border-color:#93A1C0 }
```

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

Here you see how a box with a 4 pixel #93A1C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93A1C0; -webkit-box-shadow:4px 4px  
4px 4px #93A1C0; box-shadow:4px 4px 4px  
4px #93A1C0 }
```

# Background

The CSS property to change the background color of an element to Hex 93A1C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93A1C0 }
```

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

```
.background{ background-color:#93A1C0 }
```

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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