

# Converting Colors

Hex(91B5C1)

Have a look what the booklet for  
Hex(91B5C1) contains.

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# **Color**

**Hex(91B5C1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	91B5C1
RGB	145, 181, 193
RGB Percent	57%, 71%, 76%
CMY	0.4314, 0.2902, 0.2431
CMYK	0.25, 0.06, 0.00, 0.24
HSL	195°, 28%, 66%
HSV	195°, 25%, 76%
XYZ	37.8266, 42.9177, 56.7424
YIQ	171.6040, -25.3080, -3.9000

# Conversions

## Conversions Part 2

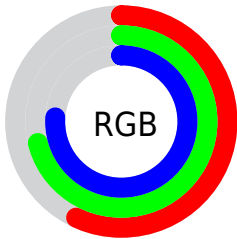
Format	Color
R <sub>Y</sub> B	145, 166, 193
Decimal	9549249
CIE Lab	71.50, -9.37, -10.09
CIE LCh	71, 13.766, 227.105
Yxy	42.9177, 0.2751, 0.3122
Android (android.graphics.Color)	4287739329 (0xFF91B5C1)
YUV	171.6040, 10.5482, -23.3317
Hunter-Lab	65.5116, -11.5791, -5.4954

# Details

The Hex color **91B5C1** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C19D91**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **C8EDF9**, and **5D808C** is the 20% darker color. If you saturate the color by 10%, you get **7EB0C1**, and if you desaturate by 10%, it is **A4BAC1**.

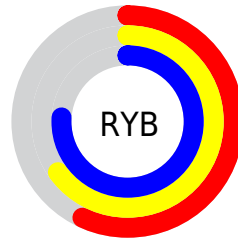
# Distribution



Red (57%)

Green (71%)

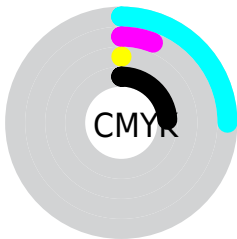
Blue (76%)



Red (57%)

Yellow (65%)

Blue (76%)

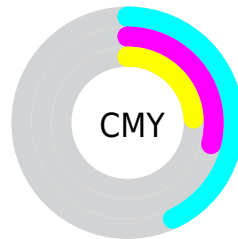


Cyan (25%)

Magenta (6%)

Yellow (0%)

Black (24%)



Cyan (43%)

Magenta (29%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 91B5C1 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 91B5C1 by changing the saturation by 10% instead.



 91B5C1

 91B5C1

FFFFFF

 779AA6

 C8EDF9

 5D808C

 E4FFFF

 446772


 2C4F5A

 133842

 00232C

 000B18

 000000

 91B5C1

 91B5C1

■ 7EB0C1

■ A4BAC1

■ 6AABC1

■ B8BFC1

■ 57A7C1

■ CBC3C1

■ 44A2C1

■ DEC8C1

■ 319DC1

■ F2CDC1

■ 1D98C1

■ FFD2C1

■ 0A93C1

■ FFD7C1

■ 0091C1

■ FFDCC1

■ FFE0C1

# Harmonies

## Analogous

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



8FB7B6



91B5C1



9BB2C7

# Triad

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



91B5C1



C5A7B5



B2B197

# Complementary

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



91B5C1



C19D91

# 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.



BFAC97



91B5C1



CAA7A8

# Square

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



91B5C1



BAAAC0



C7A99D



A3B49E

# Rectangle

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



91B5C1



A5AFC8



C7A99D



B6AF96

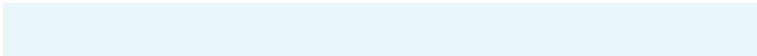


# Sweetspot

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



91B5C1



E8F6FA



91C19D



737A7D



FCFCFC



7D7D7D

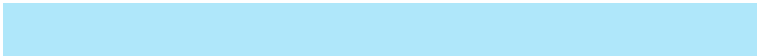


# Same Dimension

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



91B5C1



AFE7FA



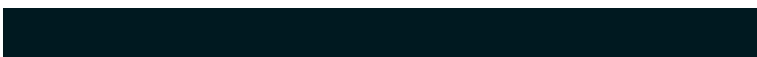
919EC1



575E61



0078A1



001921



# Inverse Universe

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



C191B5



FAAFE7



C1B591



61575E



A10078



210019



# Previews

## White Background



This preview shows how the Hex color 91B5C1 looks on a white background.

## Color Contrast Check

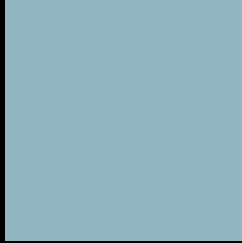
Large Text (above 18pt) WCAG AA × Fail

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 91B5C1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

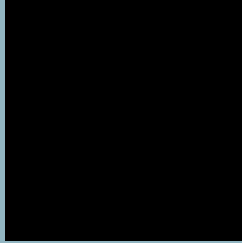
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

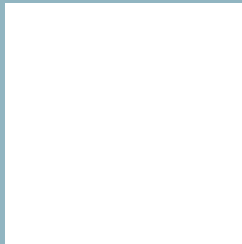
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 91B5C1 Background



This preview shows how black text looks on a background with the Hex color 91B5C1.

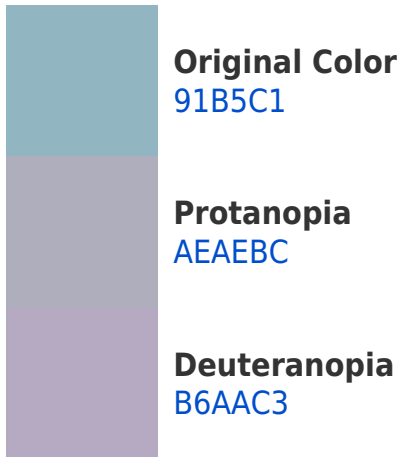


This preview shows how white text looks on a background with the Hex color 91B5C1.

# 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](#).

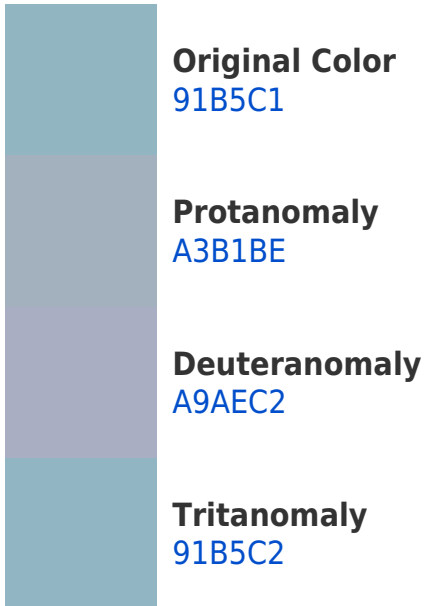
## Dichromacy



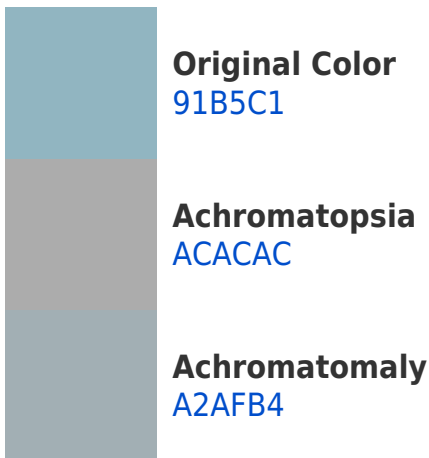


**Tritanopia**  
91B5C3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91B5C1 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 #91B5C1 looks like.

```
.text, #text, p{  
    color:#91B5C1  
}
```

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 #91B5C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91B5C1
}
```

## Border

The CSS property to change the border of an element to Hex 91B5C1 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
#91B5C1 }
```

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

```
.border{ border-color:#91B5C1 }
```

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

Here you see how a box with a 4 pixel #91B5C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91B5C1; -webkit-box-shadow:4px 4px  
4px 4px #91B5C1; box-shadow:4px 4px 4px  
4px #91B5C1 }
```

# Background

The CSS property to change the background color of an element to Hex 91B5C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91B5C1 }
```

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

```
.background{ background-color:#91B5C1 }
```

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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