

# Converting Colors

Hex(91B0B0)

Have a look what the booklet for  
Hex(91B0B0) contains.

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# **Color**

**Hex(91B0B0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	91B0B0
RGB	145, 176, 176
RGB Percent	57%, 69%, 69%
CMY	0.4314, 0.3098, 0.3098
CMYK	0.18, 0.00, 0.00, 0.31
HSL	180°, 16%, 63%
HSV	180°, 18%, 69%
XYZ	35.0389, 40.2050, 46.9879
YIQ	166.7310, -18.4760, -6.5720

# Conversions

## Conversions Part 2

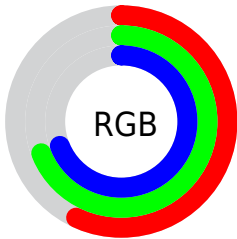
Format	Color
<a href="#">RYB</a>	<a href="#">145, 161, 176</a>
Decimal	<a href="#">9547952</a>
CIELab	<a href="#">69.62, -10.52, -3.52</a>
CIELCh	<a href="#">70, 11.092, 198.530</a>
Yxy	<a href="#">40.2050, 0.2867, 0.3289</a>
Android (android.graphics.Color)	<a href="#">4287738032 (0xFF91B0B0)</a>
YUV	<a href="#">166.7310, 4.5696, -19.0581</a>
Hunter-Lab	<a href="#">63.4074, -12.3241, 0.4485</a>

# Details

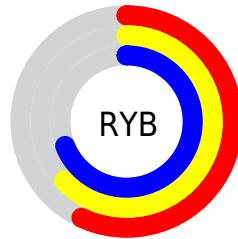
The Hex color **91B0B0** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **B09191**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **C7E8E8**, and **5E7B7C** is the 20% darker color. If you saturate the color by 10%, you get **7FB0B0**, and if you desaturate by 10%, it is **A3B0B0**.

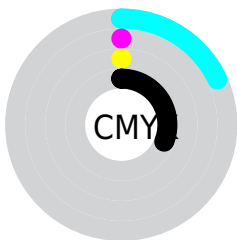
# Distribution



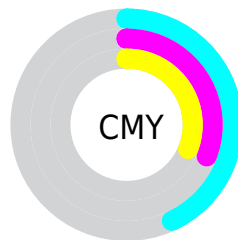
- Red (57%)
- Green (69%)
- Blue (69%)



- Red (57%)
- Yellow (63%)
- Blue (69%)



- Cyan (18%)
- Magenta (0%)
- Yellow (0%)
- Black (31%)



- Cyan (43%)
- Magenta (31%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 91B0B0 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 91B0B0 by changing the saturation by 10% instead.



 91B0B0

 91B0B0

FFFFFF

 779595


 C7E8E8

 5E7B7C

 E4FFFF

 466363


 2E4B4B

 183434

 021F1F

 000007

 000000

 91B0B0

 91B0B0

7FB0B0

A3B0B0

6EB0B0

B4B0B0

5CB0B0

C6B0B0

4BB0B0

D7B0B0

39B0B0

E9B0B0

27B0B0

FBB0B0

16B0B0

FFB0B0

04B0B0

00B0B0

# Harmonies

## Analogous

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



96B0A6



91B0B0



93AFB9

# Triad

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



91B0B0



B3A6B7



B6A897

# Complementary

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



91B0B0



B09191

# 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.



BEA59B



91B0B0



BCA4AE

# Square

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



91B0B0



A7A9BD



C0A3A4



ACAB97

# Rectangle

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



91B0B0



98ADBC



C0A3A4



B9A798



# Sweetspot

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



91B0B0



DAE6E6



91B091



6C7373



F2F2F2



737373



# Same Dimension

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



91B0B0



B5E6E6



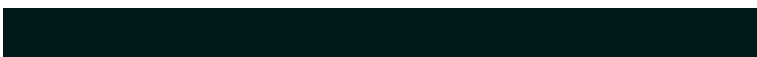
91A1B0



505959



009999



001A1A



# Inverse Universe

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



B091B0



E6B5E6



B0A191



595059



990099

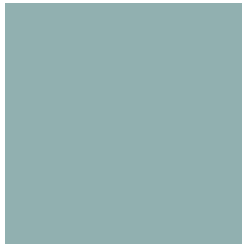


1A001A



# Previews

## White Background



This preview shows how the Hex color 91B0B0 looks on a white background.

## Color Contrast Check

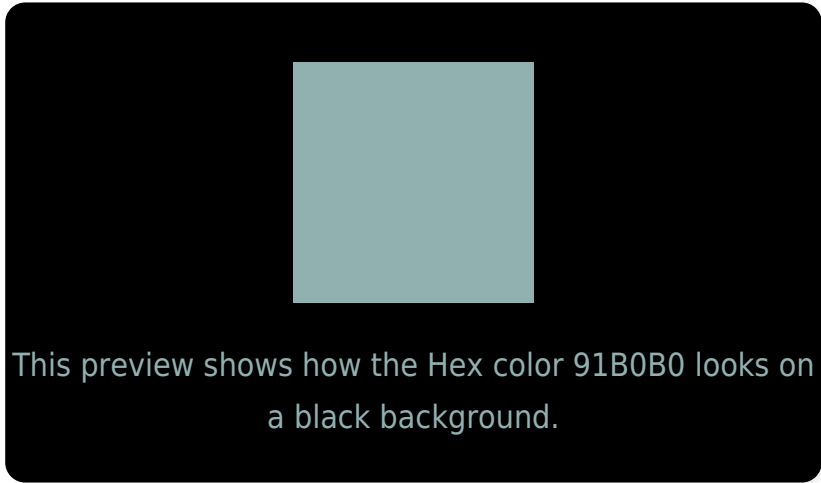
Large Text (above 18pt) WCAG AA × Fail

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

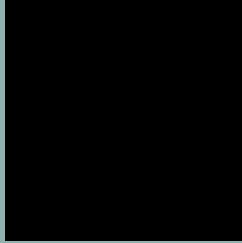
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

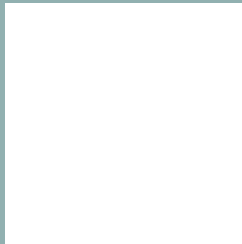
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 91B0B0 Background



This preview shows how black text looks on a background with the Hex color 91B0B0.

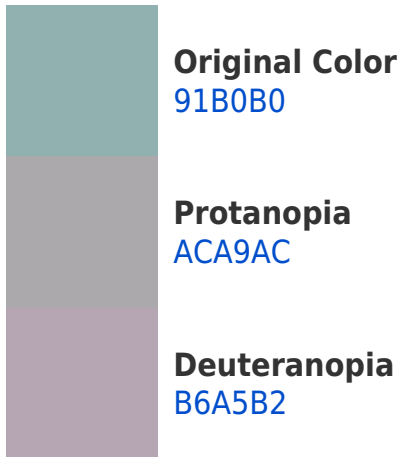


This preview shows how white text looks on a background with the Hex color 91B0B0.

# 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](#).

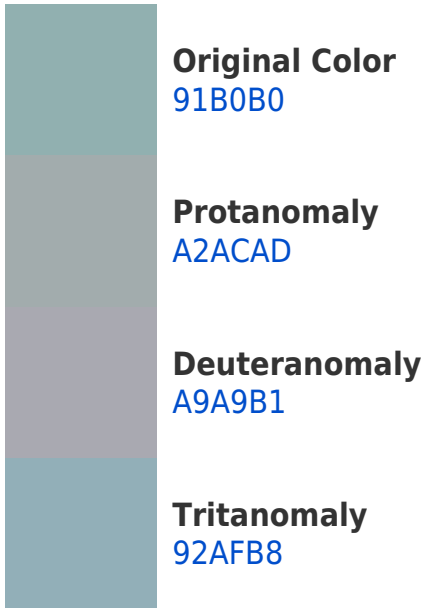
## Dichromacy



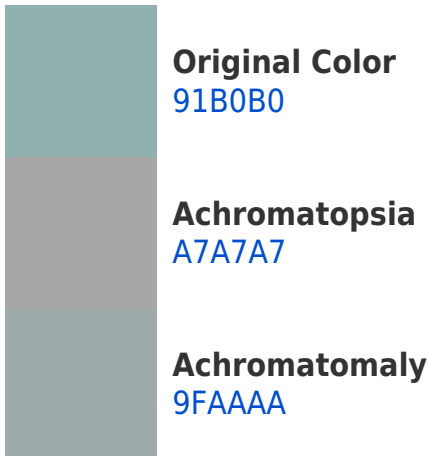


**Tritanopia**  
93AEBC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91B0B0 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 #91B0B0 looks like.

```
.text, #text, p{  
    color:#91B0B0  
}
```

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 #91B0B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91B0B0
}
```

## Border

The CSS property to change the border of an element to Hex 91B0B0 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
#91B0B0 }
```

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

```
.border{ border-color:#91B0B0 }
```

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

Here you see how a box with a 4 pixel #91B0B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91B0B0; -webkit-box-shadow:4px 4px  
4px 4px #91B0B0; box-shadow:4px 4px 4px  
4px #91B0B0 }
```

# Background

The CSS property to change the background color of an element to Hex 91B0B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91B0B0 }
```

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

```
.background{ background-color:#91B0B0 }
```

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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