

# Converting Colors

Hex(91B6AC)

Have a look what the booklet for  
Hex(91B6AC) contains.

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# **Color**

**Hex(91B6AC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	91B6AC
RGB	145, 182, 172
RGB Percent	57%, 71%, 67%
CMY	0.4314, 0.2863, 0.3255
CMYK	0.20, 0.00, 0.05, 0.29
HSL	164°, 20%, 64%
HSV	164°, 20%, 71%
XYZ	35.8514, 42.4542, 45.3346
YIQ	169.7970, -18.8420, -10.9540

# Conversions

## Conversions Part 2

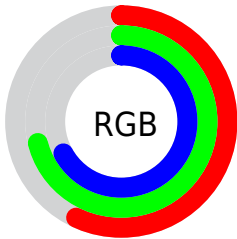
Format	Color
<a href="#">RYB</a>	<a href="#">145, 166, 182</a>
Decimal	<a href="#">9549484</a>
CIELab	<a href="#">71.18, -14.52, 0.97</a>
CIELCh	<a href="#">71, 14.556, 176.172</a>
Yxy	<a href="#">42.4542, 0.2900, 0.3434</a>
Android (android.graphics.Color)	<a href="#">4287739564 (0xFF91B6AC)</a>
YUV	<a href="#">169.7970, 1.0861, -21.7470</a>
Hunter-Lab	<a href="#">65.1569, -15.8082, 4.3572</a>

# Details

The Hex color **91B6AC** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **B6919B**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **C7EEE3**, and **5E8178** is the 20% darker color. If you saturate the color by 10%, you get **7FB6A7**, and if you desaturate by 10%, it is **A3B6B1**.

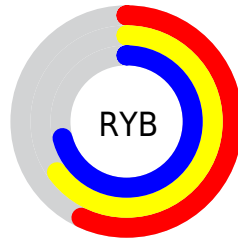
# Distribution



Red (57%)

Green (71%)

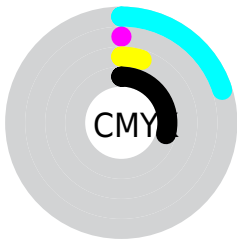
Blue (67%)



Red (57%)

Yellow (65%)

Blue (71%)

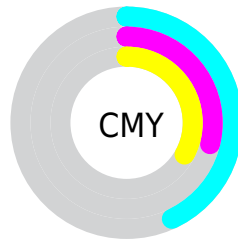


Cyan (20%)

Magenta (0%)

Yellow (5%)

Black (29%)



Cyan (43%)

Magenta (29%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 91B6AC 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 91B6AC by changing the saturation by 10% instead.



 91B6AC

 91B6AC

FFFFFF

 779B91

 C7EEE3

 5E8178

 E4FFFF

 45685F

 2E5047

 173931

 01231C

 000802

 000000

 91B6AC

 91B6AC

 7FB6A7

 A3B6B1

 6DB6A2

 B5B6B6

 5AB69D

 C8B6BB

 48B698

 DAB6C0

 36B693

 ECB6C5

 24B68E

 FEB6CA

 12B68A

 FFB6CE

 00B685

 FFB6D3

 FFB6D8

# Harmonies

## Analogous

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



9DB49F



91B6AC



8CB6B9

# Triad

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



91B6AC



AFABC6



C6A999

# Complementary

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



91B6AC



B6919B

# 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.



CBA6A3



91B6AC



BEA7BD

# Square

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



91B6AC



9EB0C8



C8A5B0



BBAD94

# Rectangle

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



91B6AC



8EB5C1



C8A5B0



C8A79C



# Sweetspot

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



91B6AC



DFEDE9



9BB691



6F7876



F7F7F7



787878



# Same Dimension

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



91B6AC



B4EDDE



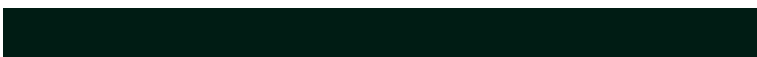
91AEB6



535C59



009C72



001C14



# Inverse Universe

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



B6919B



EDB4C4



B69991



5C5355



9C002A

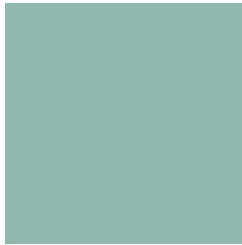


1C0008



# Previews

## White Background



This preview shows how the Hex color 91B6AC looks on a white background.

## Color Contrast Check

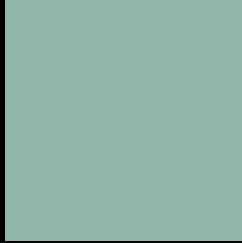
Large Text (above 18pt) WCAG AA × Fail

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 91B6AC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

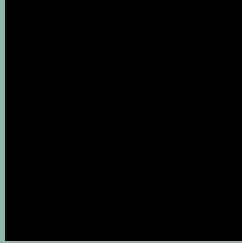
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 91B6AC Background



This preview shows how black text looks on a background with the Hex color 91B6AC.

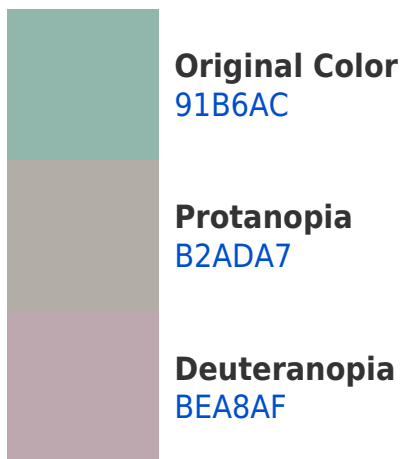


This preview shows how white text looks on a background with the Hex color 91B6AC.

# 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](#).

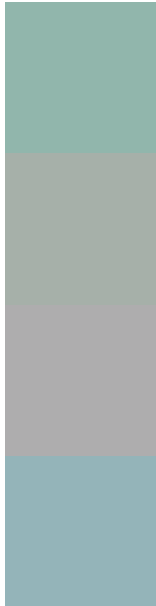
## Dichromacy





**Tritanopia**  
95B3C1

# Trichromacy



**Original Color**  
91B6AC

**Protanomaly**  
A6B0A9

**Deuteranomaly**  
AEADAE

**Tritanomaly**  
94B4B9

# Monochromacy



**Original Color**  
91B6AC

**Achromatopsia**  
AAAAAA

**Achromatomaly**  
A1AEAB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91B6AC 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 #91B6AC looks like.

```
.text, #text, p{  
    color:#91B6AC  
}
```

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 #91B6AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91B6AC
}
```

## Border

The CSS property to change the border of an element to Hex 91B6AC 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
#91B6AC }
```

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

```
.border{ border-color:#91B6AC }
```

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

Here you see how a box with a 4 pixel #91B6AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91B6AC; -webkit-box-shadow:4px 4px  
4px 4px #91B6AC; box-shadow:4px 4px 4px  
4px #91B6AC }
```

# Background

The CSS property to change the background color of an element to Hex 91B6AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91B6AC }
```

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

```
.background{ background-color:#91B6AC }
```

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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