

# Converting Colors

Hex(90A7B3)

Have a look what the booklet for  
Hex(90A7B3) contains.

<b>Hex(90A7B3)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(90A7B3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	90A7B3
RGB	144, 167, 179
RGB Percent	56%, 65%, 70%
CMY	0.4353, 0.3451, 0.2980
CMYK	0.20, 0.07, 0.00, 0.30
HSL	201°, 19%, 63%
HSV	201°, 20%, 70%
XYZ	33.4570, 36.8214, 47.9917
YIQ	161.4910, -17.5600, -1.1440

# Conversions

## Conversions Part 2

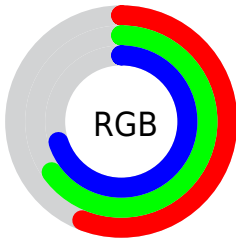
Format	Color
<a href="#">RYB</a>	<a href="#">144, 158, 179</a>
Decimal	<a href="#">9480115</a>
CIELab	<a href="#">67.14, -5.34, -8.86</a>
CIELCh	<a href="#">67, 10.341, 238.922</a>
Yxy	<a href="#">36.8214, 0.2829, 0.3113</a>
Android (android.graphics.Color)	<a href="#">4287670195</a> ( <a href="#">0xFF90A7B3</a> )
YUV	<a href="#">161.4910, 8.6319, -15.3396</a>
Hunter-Lab	<a href="#">60.6806, -7.7730, -4.4154</a>

# Details

The Hex color **90A7B3** is a light color, and the websafe version is hex **999999**. A complement of this color would be **B39C90**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **C6DEEB**, and **5D737E** is the 20% darker color. If you saturate the color by 10%, you get **7EA1B3**, and if you desaturate by 10%, it is **A2ADB3**.

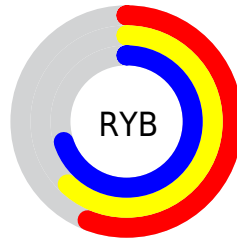
# Distribution



Red (56%)

Green (65%)

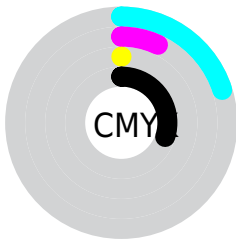
Blue (70%)



Red (56%)

Yellow (62%)

Blue (70%)

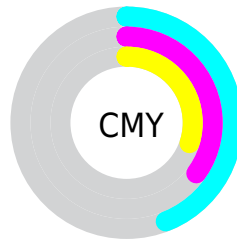


Cyan (20%)

Magenta (7%)

Yellow (0%)

Black (30%)



Cyan (44%)

Magenta (35%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 90A7B3 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 90A7B3 by changing the saturation by 10% instead.



■ 90A7B3

■ 90A7B3

FFFFFF

■ 768D98

■ C6DEEB

■ 5D737E

■ E2FBFF

■ 455B65

■ 2E434D

■ 172D37

■ 001921

■ 00000A

■ 000000

■ 90A7B3

■ 90A7B3

7EA1B3

A2ADB3

6C9BB3

B4B3B3

5A95B3

C6B9B3

488EB3

D8C0B3

3788B3

EAC6B3

2582B3

FBCCB3

137CB3

FFD2B3

0176B3

FFD8B3

0076B3

FFDEB3

# Harmonies

## Analogous

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



8CA9AC



90A7B3



99A4B6

# Triad

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



90A7B3



B69DA4



A1A693

# Complementary

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



90A7B3



B39C90

# 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.



ACA391



90A7B3



B89E9B

# Square

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



90A7B3



AF9FAD



B4A094



97A89A

# Rectangle

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



90A7B3



A1A2B5



B4A094



A5A592



# Sweetspot

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



90A7B3



DAE3E8



90B39C



6D7275



F5F5F5



757575



# Same Dimension

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



90A7B3



B3D6E8



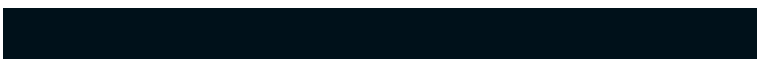
9096B3



505659



006599



00111A



# Inverse Universe

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



B390A7



E8B3D6



B3AD90



595056



990065



1A0011



# Previews

## White Background



This preview shows how the Hex color 90A7B3 looks on a white background.

## Color Contrast Check

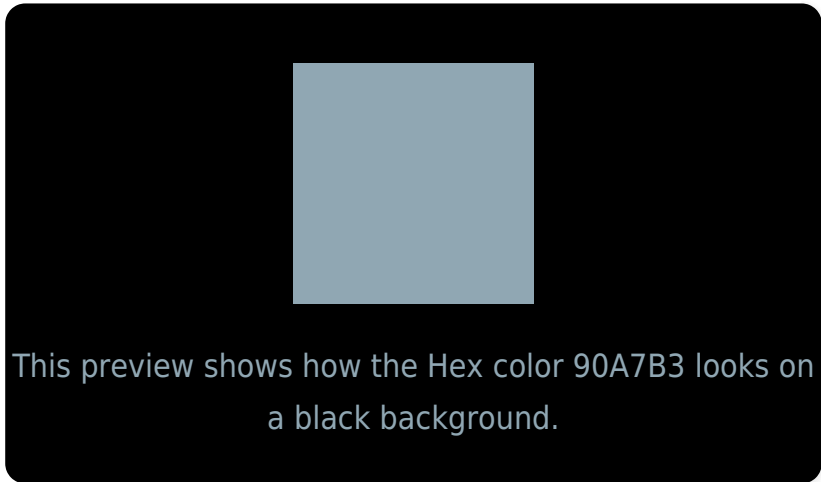
Large Text (above 18pt) WCAG AA × Fail

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

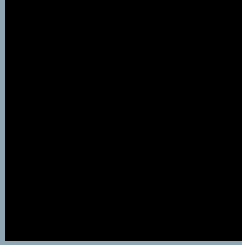
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

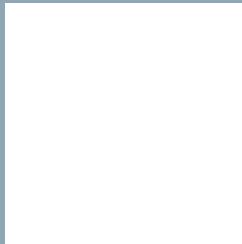
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 90A7B3 Background



This preview shows how black text looks on a background with the Hex color 90A7B3.

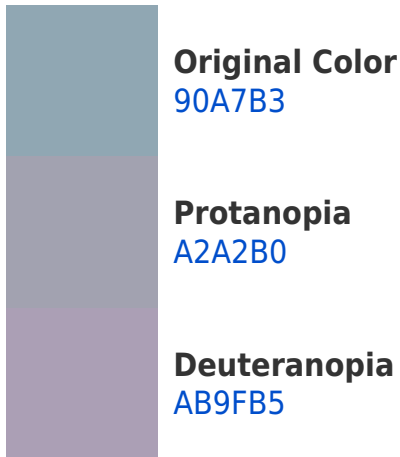


This preview shows how white text looks on a background with the Hex color 90A7B3.

# 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](#).

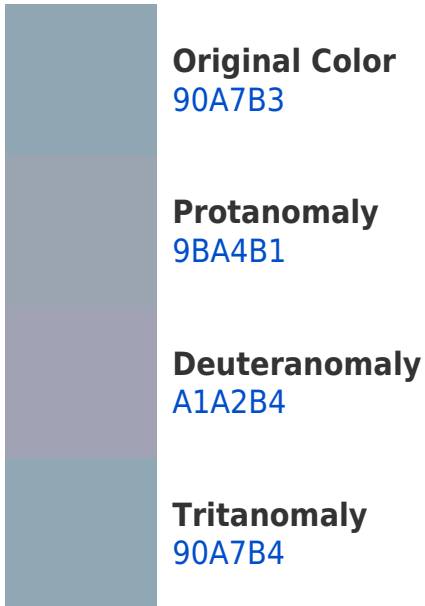
## Dichromacy



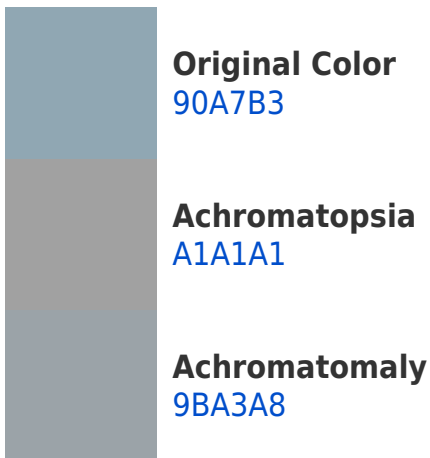


**Tritanopia**  
90A7B4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 90A7B3 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 #90A7B3 looks like.

```
.text, #text, p{  
    color:#90A7B3  
}
```

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 #90A7B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90A7B3
}
```

## Border

The CSS property to change the border of an element to Hex 90A7B3 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
#90A7B3 }
```

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

```
.border{ border-color:#90A7B3 }
```

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

Here you see how a box with a 4 pixel #90A7B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90A7B3; -webkit-box-shadow:4px 4px  
4px 4px #90A7B3; box-shadow:4px 4px 4px  
4px #90A7B3 }
```

# Background

The CSS property to change the background color of an element to Hex 90A7B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90A7B3 }
```

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

```
.background{ background-color:#90A7B3 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor