

# Converting Colors

Hex(90A6B0)

Have a look what the booklet for  
Hex(90A6B0) contains.

<b>Hex(90A6B0)</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(90A6B0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	90A6B0
RGB	144, 166, 176
RGB Percent	56%, 65%, 69%
CMY	0.4353, 0.3490, 0.3098
CMYK	0.18, 0.06, 0.00, 0.31
HSL	199°, 17%, 63%
HSV	199°, 18%, 69%
XYZ	32.9743, 36.3363, 46.3500
YIQ	160.5620, -16.3220, -1.5540

# Conversions

## Conversions Part 2

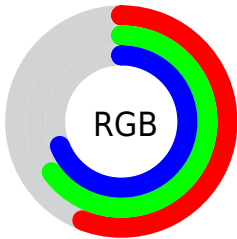
<b>Format</b>	<b>Color</b>
<b>RYB</b>	144, 157, 176
Decimal	9479856
CIELab	66.78, -5.46, -7.73
CIElCh	67, 9.468, 234.759
Yxy	36.3363, 0.2851, 0.3142
Android (android.graphics.Color)	4287669936 (0xFF90A6B0)
YUV	160.5620, 7.6109, -14.5249
Hunter-Lab	60.2796, -7.8458, -3.3933

# Details

The Hex color **90A6B0** is a light color, and the websafe version is hex **999999**. A complement of this color would be **B09A90**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **C6DDE8**, and **5D727C** is the 20% darker color. If you saturate the color by 10%, you get **7EA1B0**, and if you desaturate by 10%, it is **A2ABB0**.

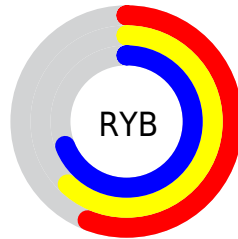
# Distribution



Red (56%)

Green (65%)

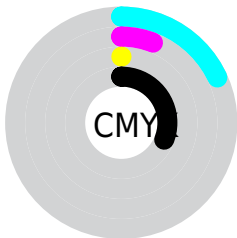
Blue (69%)



Red (56%)

Yellow (62%)

Blue (69%)

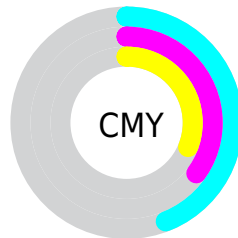


Cyan (18%)

Magenta (6%)

Yellow (0%)

Black (31%)



Cyan (44%)

Magenta (35%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 90A6B0 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 90A6B0 by changing the saturation by 10% instead.





90A6B0



90A6B0

FFFFFF



768C95



C6DDE8



5D727C



E2FAFF



455A63



2E424B



182C34



01181F



000005



000000



90A6B0



90A6B0

7EA1B0

A2ABB0

6D9BB0

B3B1B0

5B95B0

C5B6B0

4A90B0

D6BCB0

388BB0

E8C2B0

2685B0

FAC7B0

157FB0

FFCCB0

037AB0

FFD2B0

0079B0

FFD8B0

# Harmonies

## Analogous

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



8DA7A9



90A6B0



98A4B3

# Triad

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



90A6B0



B39DA4



A2A493

# Complementary

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



90A6B0



B09A90

# 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.



ABA192



90A6B0



B59D9C

# Square

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



90A6B0



AC9EAC



B29F95



98A698

# Rectangle

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



90A6B0



9FA2B3



B29F95



A5A392

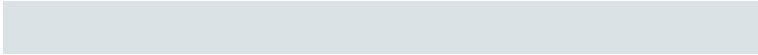


# Sweetspot

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



90A6B0



DAE2E6



90B09A



6C7173



F2F2F2



737373



# Same Dimension

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



90A6B0



B3D6E6



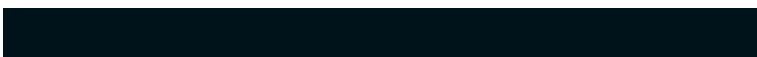
9096B0



505659



006999



00121A



# Inverse Universe

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



B090A6



E6B3D6



B0AA90



595056



990069



1A0012



# Previews

## White Background



This preview shows how the Hex color 90A6B0 looks on a white background.

## Color Contrast Check

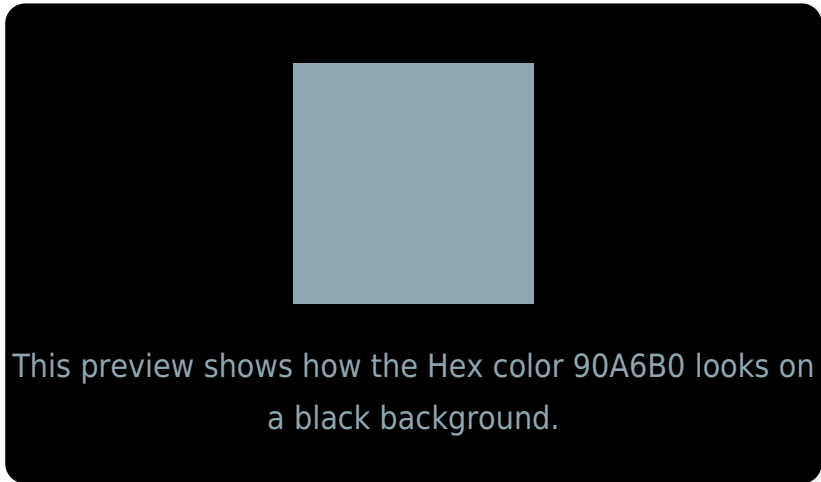
Large Text (above 18pt) WCAG AA × Fail

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

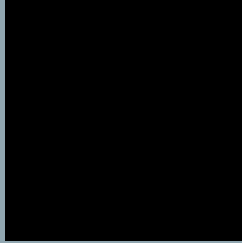
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

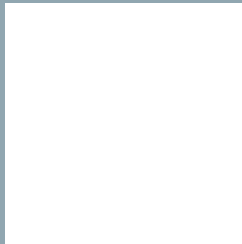
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 90A6B0 Background



This preview shows how black text looks on a background with the Hex color 90A6B0.

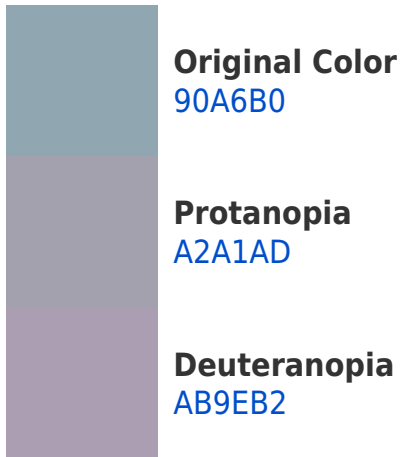


This preview shows how white text looks on a background with the Hex color 90A6B0.

# 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](#).

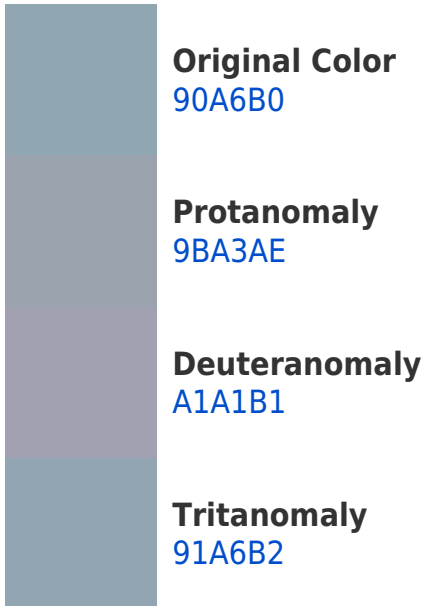
## Dichromacy



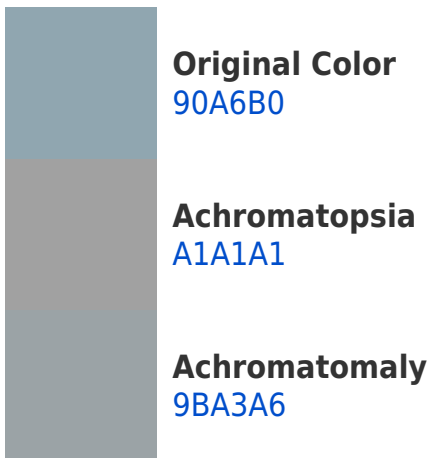


**Tritanopia**  
91A6B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 90A6B0 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 #90A6B0 looks like.

```
.text, #text, p{  
    color:#90A6B0  
}
```

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 #90A6B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90A6B0
}
```

## Border

The CSS property to change the border of an element to Hex 90A6B0 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
#90A6B0 }
```

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

```
.border{ border-color:#90A6B0 }
```

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

Here you see how a box with a 4 pixel #90A6B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90A6B0; -webkit-box-shadow:4px 4px  
4px 4px #90A6B0; box-shadow:4px 4px 4px  
4px #90A6B0 }
```

# Background

The CSS property to change the background color of an element to Hex 90A6B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90A6B0 }
```

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

```
.background{ background-color:#90A6B0 }
```

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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