

# Converting Colors

Hex(90A4C0)

Have a look what the booklet for  
Hex(90A4C0) contains.

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# **Color**

**Hex(90A4C0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	90A4C0
RGB	144, 164, 192
RGB Percent	56%, 64%, 75%
CMY	0.4353, 0.3569, 0.2471
CMYK	0.25, 0.15, 0.00, 0.25
HSL	215°, 28%, 66%
HSV	215°, 25%, 75%
XYZ	34.2915, 36.2860, 55.0657
YIQ	161.2120, -20.9080, 4.4680

# Conversions

## Conversions Part 2

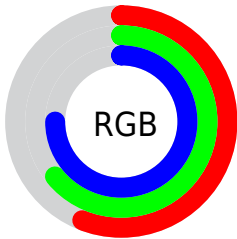
Format	Color
<a href="#">RYB</a>	<a href="#">144, 158, 192</a>
Decimal	<a href="#">9479360</a>
CIELab	<a href="#">66.74, -0.68, -16.69</a>
CIELCh	<a href="#">67, 16.707, 267.663</a>
Yxy	<a href="#">36.2860, 0.2729, 0.2888</a>
Android (android.graphics.Color)	<a href="#">4287669440 (0xFF90A4C0)</a>
YUV	<a href="#">161.2120, 15.1785, -15.0949</a>
Hunter-Lab	<a href="#">60.2378, -3.8019, -12.0328</a>

# Details

The Hex color **90A4C0** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C0AC90**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **C6DBF8**, and **5D708A** is the 20% darker color. If you saturate the color by 10%, you get **7D99C0**, and if you desaturate by 10%, it is **A3AFC0**.

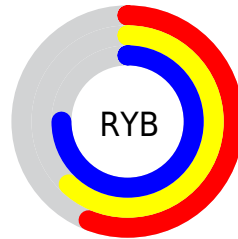
# Distribution



Red (56%)

Green (64%)

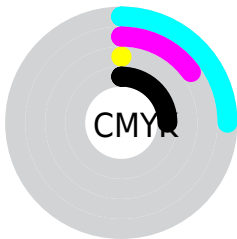
Blue (75%)



Red (56%)

Yellow (62%)

Blue (75%)

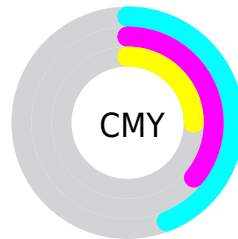


Cyan (25%)

Magenta (15%)

Yellow (0%)

Black (25%)



Cyan (44%)

Magenta (36%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 90A4C0 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 90A4C0 by changing the saturation by 10% instead.



■ 90A4C0

■ 90A4C0

FFFFFF

■ 768AA5

■ C6DBF8

■ 5D708A

■ E3F7FF

■ 445871

■ 2C4158

■ 142B41

■ 00162B

■ 000116

■ 000000

■ 90A4C0

■ 90A4C0

■ 7D99C0

■ A3AFC0

■ 6A8EC0

■ B6BAC0

■ 5682C0

■ CAC6C0

■ 4377C0

■ DDD1C0

■ 306CC0

■ F0DCC0

■ 1D61C0

■ FFE7C0

■ 0A56C0

■ FFF2C0

■ 0050C0

■ FFFEC0

■ FFFF00

# Harmonies

## Analogous

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



80A8BB



90A4C0



A49FBD

# Triad

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



90A4C0



C29995



8EA992

# Complementary

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



90A4C0



C0AC90

# 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.



9FA688



90A4C0



BC9C8A

# Square

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



90A4C0



C098A4



AFA185



80ABA1

# Rectangle

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



90A4C0



B09CB7



AFA185



93A88E

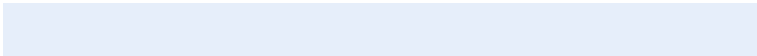


# Sweetspot

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



90A4C0



E6EEFA



90C0AC



70767D



FCFCFC



7D7D7D



# Same Dimension

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



90A4C0



AFCEFA



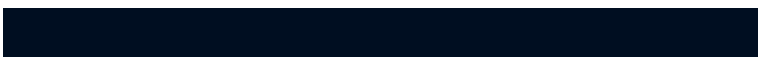
9390C0



575B61



0043A1



000E21



# Inverse Universe

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



C090A4



FAAFCE



BCC090



61575B



A10043

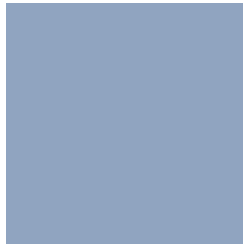


21000E



# Previews

## White Background



This preview shows how the Hex color 90A4C0 looks on a white background.

## Color Contrast Check

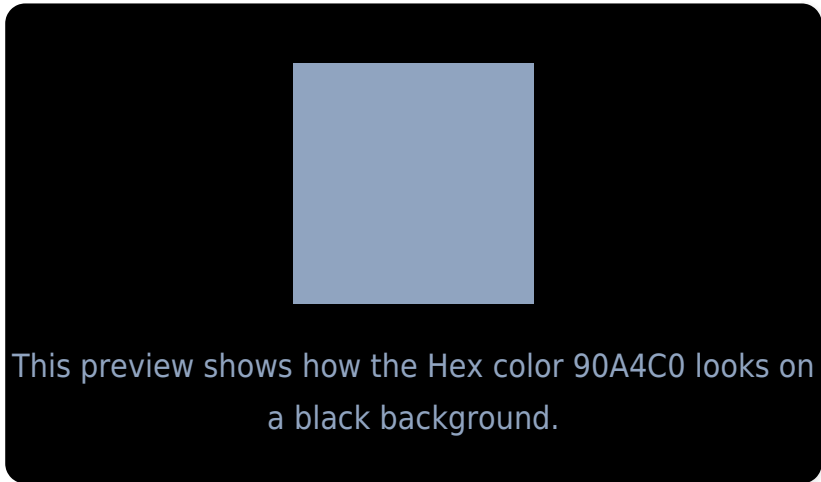
Large Text (above 18pt) WCAG AA × Fail

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

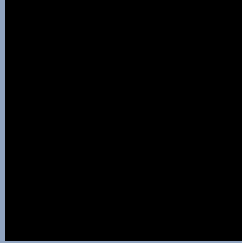
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

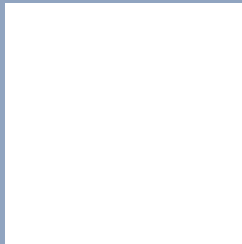
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 90A4C0 Background



This preview shows how black text looks on a background with the Hex color 90A4C0.

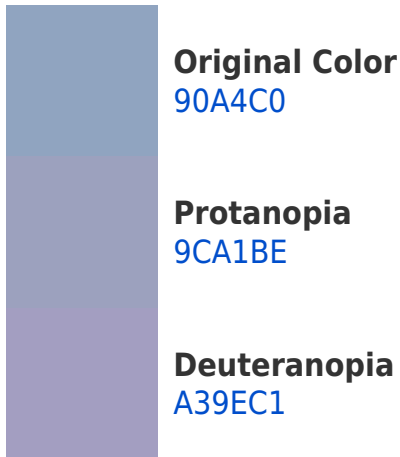


This preview shows how white text looks on a background with the Hex color 90A4C0.

# 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](#).

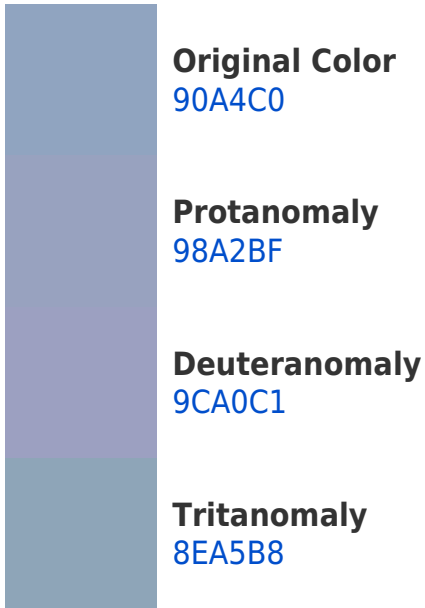
## Dichromacy



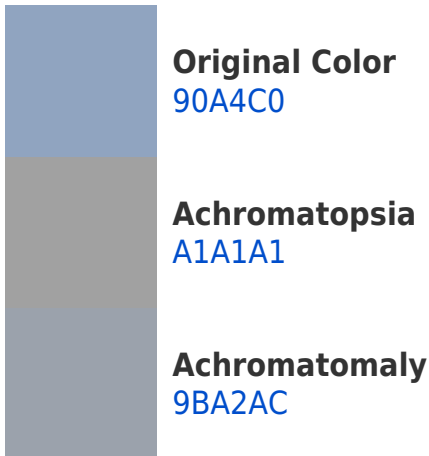


**Tritanopia**  
8DA6B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 90A4C0 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 #90A4C0 looks like.

```
.text, #text, p{  
    color:#90A4C0  
}
```

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 #90A4C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90A4C0
}
```

## Border

The CSS property to change the border of an element to Hex 90A4C0 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
#90A4C0 }
```

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

```
.border{ border-color:#90A4C0 }
```

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

Here you see how a box with a 4 pixel #90A4C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90A4C0; -webkit-box-shadow:4px 4px  
4px 4px #90A4C0; box-shadow:4px 4px 4px  
4px #90A4C0 }
```

# Background

The CSS property to change the background color of an element to Hex 90A4C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90A4C0 }
```

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

```
.background{ background-color:#90A4C0 }
```

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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