

# Converting Colors

Hex(96A9C8)

Have a look what the booklet for  
Hex(96A9C8) contains.

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# **Color**

**Hex(96A9C8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	96A9C8
RGB	150, 169, 200
RGB Percent	59%, 66%, 78%
CMY	0.4118, 0.3373, 0.2157
CMYK	0.25, 0.16, 0.00, 0.22
HSL	217°, 31%, 69%
HSV	217°, 25%, 78%
XYZ	37.1910, 39.0301, 60.2170
YIQ	166.8530, -21.2750, 5.6130

# Conversions

## Conversions Part 2

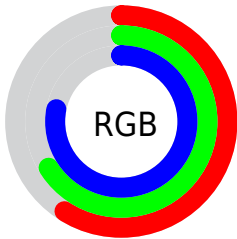
Format	Color
<a href="#">RYB</a>	<a href="#">150, 164, 200</a>
Decimal	<a href="#">9873864</a>
CIELab	<a href="#">68.77, 0.31, -18.01</a>
CIElCh	<a href="#">69, 18.008, 270.982</a>
Yxy	<a href="#">39.0301, 0.2726, 0.2861</a>
Android (android.graphics.Color)	<a href="#">4288063944 (0xFF96A9C8)</a>
YUV	<a href="#">166.8530, 16.3415, -14.7801</a>
Hunter-Lab	<a href="#">62.4741, -3.0681, -13.4161</a>

# Details

The Hex color **96A9C8** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C8B596**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **CDE0FF**, and **627592** is the 20% darker color. If you saturate the color by 10%, you get **829DC8**, and if you desaturate by 10%, it is **AAB5C8**.

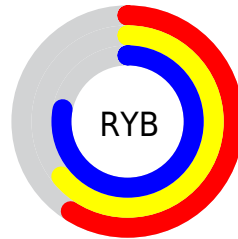
# Distribution



Red (59%)

Green (66%)

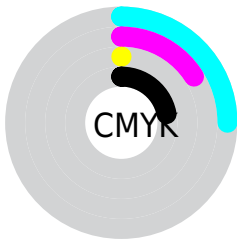
Blue (78%)



Red (59%)

Yellow (64%)

Blue (78%)

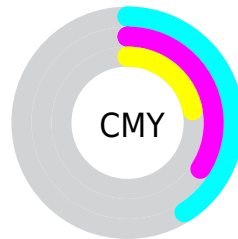


Cyan (25%)

Magenta (16%)

Yellow (0%)

Black (22%)



Cyan (41%)

Magenta (34%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 96A9C8 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 96A9C8 by changing the saturation by 10% instead.



 96A9C8

 96A9C8

FFFFFF

 7C8FAD

 CDE0FF

 627592

 E9FDFF

 495C78

 31455F

 192F48

 001A31

 00021C

 000000

 96A9C8

 96A9C8

■ 829DC8

■ AAB5C8

■ 6E90C8

■ BEC2C8

■ 5A84C8

■ D2CEC8

■ 4677C8

■ E6DBC8

■ 326BC8

■ FAE7C8

■ 1E5FC8

■ FFF3C8

■ 0A52C8

■ FFFFC8

■ 004CC8

# Harmonies

## Analogous

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



84AEC4



96A9C8



ABA3C4

# Triad

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



96A9C8



C99E98



90B098

# Complementary

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



96A9C8



C8B596

# 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.



A2AC8C



96A9C8



C2A18C

# Square

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



96A9C8



C89CA8



B4A787



81B1A8

# Rectangle

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



96A9C8



B8A0BC



B4A787



96AF93



# Sweetspot

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



96A9C8



EBF2FF



96C8B5



737880



000000



808080



# Same Dimension

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



96A9C8



B3D0FF



9C96C8



5A5D63



003EA3



000E24



# Inverse Universe

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



C896A9



FFB3D0



C2C896



635A5D



A3003E

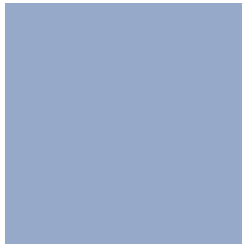


24000E



# Previews

## White Background



This preview shows how the Hex color 96A9C8 looks on a white background.

## Color Contrast Check

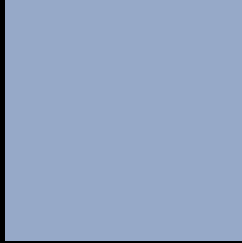
Large Text (above 18pt) WCAG AA × Fail

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 96A9C8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

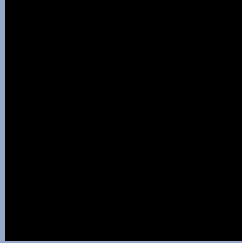
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

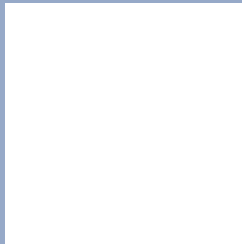
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 96A9C8 Background



This preview shows how black text looks on a background with the Hex color 96A9C8.

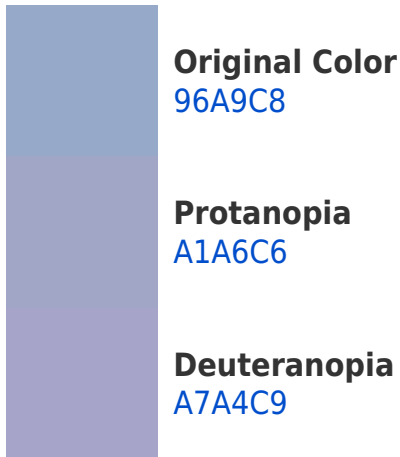


This preview shows how white text looks on a background with the Hex color 96A9C8.

# 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](#).

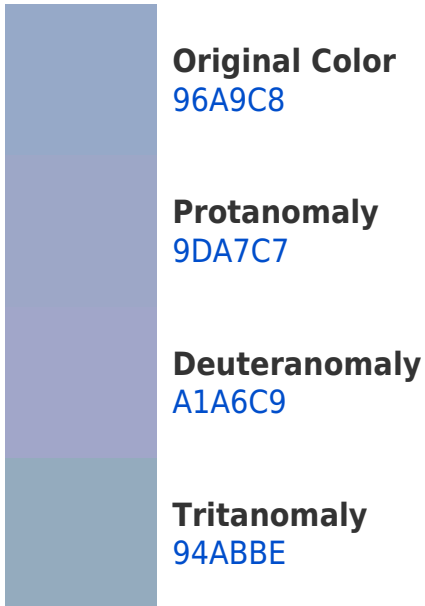
## Dichromacy



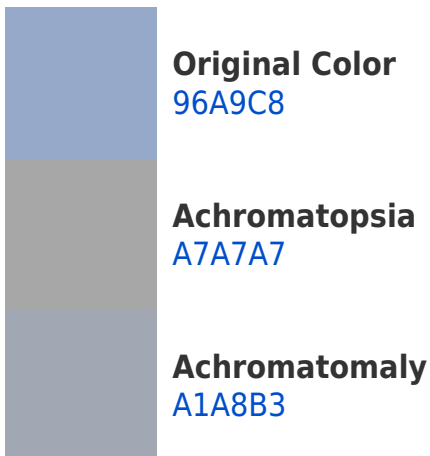


**Tritanopia**  
93ACB9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 96A9C8 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 #96A9C8 looks like.

```
.text, #text, p{  
    color:#96A9C8  
}
```

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 #96A9C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96A9C8  
}
```

## Border

The CSS property to change the border of an element to Hex 96A9C8 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  
#96A9C8 }
```

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

```
.border{ border-color:#96A9C8 }
```

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

Here you see how a box with a 4 pixel #96A9C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96A9C8; -webkit-box-shadow:4px 4px  
4px 4px #96A9C8; box-shadow:4px 4px 4px  
4px #96A9C8 }
```

# Background

The CSS property to change the background color of an element to Hex 96A9C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96A9C8 }
```

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

```
.background{ background-color:#96A9C8 }
```

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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