

# Converting Colors

Hex(97A7C9)

Have a look what the booklet for  
Hex(97A7C9) contains.

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# **Color**

**Hex(97A7C9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	97A7C9
RGB	151, 167, 201
RGB Percent	59%, 65%, 79%
CMY	0.4078, 0.3451, 0.2118
CMYK	0.25, 0.17, 0.00, 0.21
HSL	221°, 32%, 69%
HSV	221°, 25%, 79%
XYZ	37.1238, 38.4338, 60.7202
YIQ	166.0920, -20.4500, 7.1820

# Conversions

## Conversions Part 2

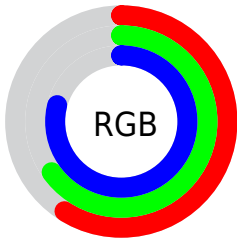
Format	Color
<a href="#">RYB</a>	<a href="#">151, 163, 201</a>
Decimal	<a href="#">9938889</a>
CIELab	<a href="#">68.34, 1.96, -19.21</a>
CIELCh	<a href="#">68, 19.309, 275.822</a>
Yxy	<a href="#">38.4338, 0.2724, 0.2820</a>
Android (android.graphics.Color)	<a href="#">4288128969</a> ( <a href="#">0xFF97A7C9</a> )
YUV	<a href="#">166.0920, 17.2096, -13.2357</a>
Hunter-Lab	<a href="#">61.9950, -1.6019, -14.6743</a>

# Details

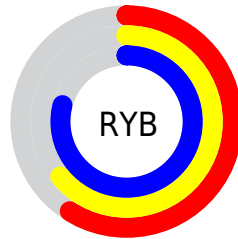
The Hex color **97A7C9** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C9B997**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **CEDEFF**, and **637393** is the 20% darker color. If you saturate the color by 10%, you get **8399C9**, and if you desaturate by 10%, it is **ABB5C9**.

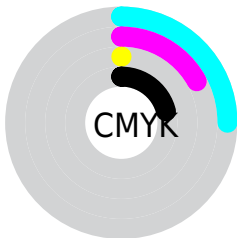
# Distribution



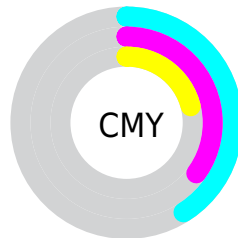
- Red (59%)
- Green (65%)
- Blue (79%)



- Red (59%)
- Yellow (64%)
- Blue (79%)



- Cyan (25%)
- Magenta (17%)
- Yellow (0%)
- Black (21%)



- Cyan (41%)
- Magenta (35%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 97A7C9 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 97A7C9 by changing the saturation by 10% instead.



■ 97A7C9

■ 97A7C9

FFFFFF

■ 7D8DAE

■ CEDEFF

■ 637393

■ EAFBFF

■ 4A5B79

■ 324360

■ 1A2D48

■ 011932

■ 00021D

■ 000000

■ 97A7C9

■ 97A7C9

■ 8399C9

■ ABB5C9

■ 6F8CC9

■ BFC2C9

■ 5B7EC9

■ D3D0C9

■ 4770C9

■ E7DEC9

■ 3363C9

■ FCEBC9

■ 1E55C9

■ FFF9C9

■ 0A47C9

■ FFFFC9

■ 0040C9

# Harmonies

## Analogous

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



82ACC6



97A7C9



AEA1C3

# Triad

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



97A7C9



CA9C93



8AAF98

# Complementary

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



97A7C9



C9B997

# 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.



9DAC8A



97A7C9



C1A187

# Square

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



97A7C9



CA9AA4



B1A784



7BB1A9

# Rectangle

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



97A7C9



BB9EBA



B1A784



90AE93

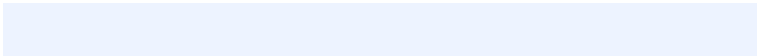


# Sweetspot

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



97A7C9



EDF3FF



97C9B8



757980



000000



808080



# Same Dimension

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



97A7C9



B3CBFF



9F97C9



5A5D63



0034A3



000B24



# Inverse Universe

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



C997A7



FFB3CB



C1C997



635A5D



A30034

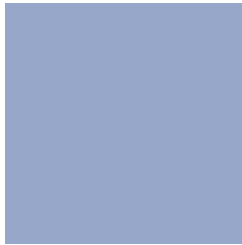


24000B



# Previews

## White Background



This preview shows how the Hex color 97A7C9 looks on a white background.

## Color Contrast Check

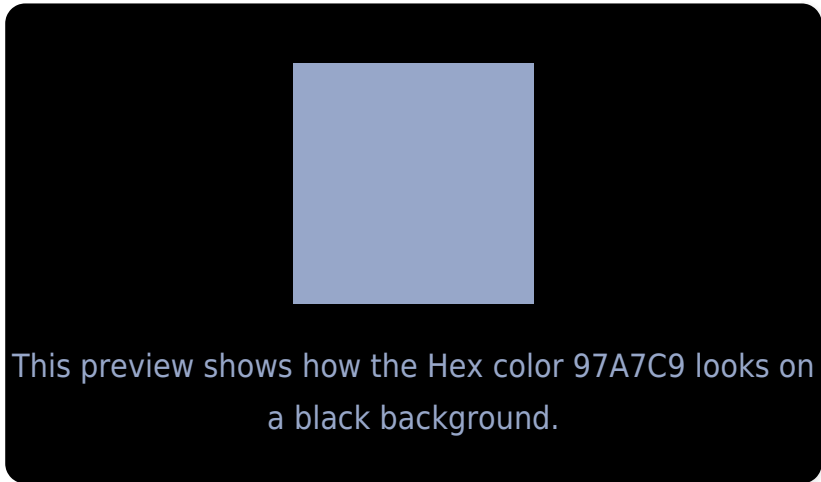
Large Text (above 18pt) WCAG AA × Fail

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

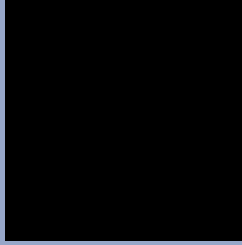
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

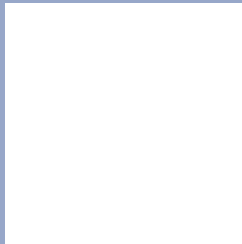
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 97A7C9 Background



This preview shows how black text looks on a background with the Hex color 97A7C9.



This preview shows how white text looks on a background with the Hex color 97A7C9.

# 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



**Original Color**  
97A7C9

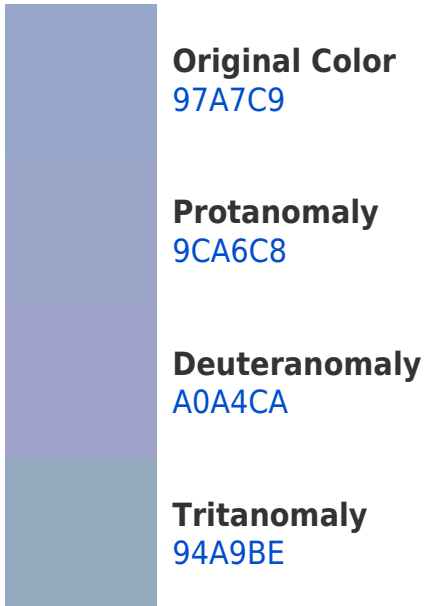
**Protanopia**  
9FA5C8

**Deuteranopia**  
A5A3CA

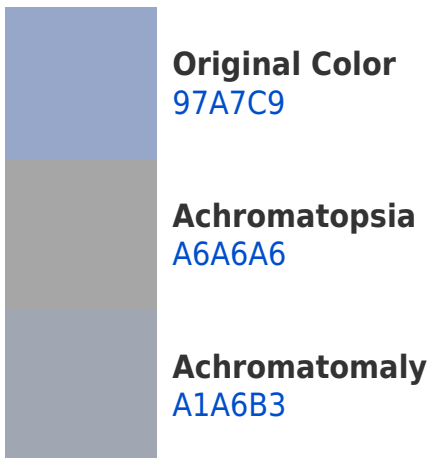


**Tritanopia**  
93AAB8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 97A7C9 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 #97A7C9 looks like.

```
.text, #text, p{  
    color:#97A7C9  
}
```

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 #97A7C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97A7C9
}
```

## Border

The CSS property to change the border of an element to Hex 97A7C9 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
#97A7C9 }
```

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

```
.border{ border-color:#97A7C9 }
```

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

Here you see how a box with a 4 pixel #97A7C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97A7C9; -webkit-box-shadow:4px 4px  
4px 4px #97A7C9; box-shadow:4px 4px 4px  
4px #97A7C9 }
```

# Background

The CSS property to change the background color of an element to Hex 97A7C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97A7C9 }
```

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

```
.background{ background-color:#97A7C9 }
```

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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