

# Converting Colors

Hex(9796C0)

Have a look what the booklet for  
Hex(9796C0) contains.

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# **Color**

**Hex(9796C0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9796C0
RGB	151, 150, 192
RGB Percent	59%, 59%, 75%
CMY	0.4078, 0.4118, 0.2471
CMYK	0.21, 0.22, 0.00, 0.25
HSL	241°, 25%, 67%
HSV	241°, 22%, 75%
XYZ	33.1833, 32.1978, 54.3350
YIQ	155.0870, -12.8860, 13.2740

# Conversions

## Conversions Part 2

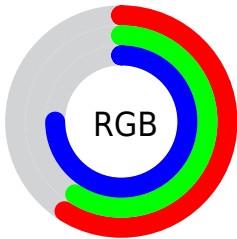
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	151, 150, 192
Decimal	9934528
CIE <sub>Lab</sub>	63.51, 9.37, -21.56
CIE <sub>LCh</sub>	64, 23.507, 293.499
Yxy	32.1978, 0.2772, 0.2690
Android (android.graphics.Color)	4288124608 (0xFF9796C0)
YUV	155.0870, 18.1981, -3.5843
Hunter-Lab	56.7431, 5.0862, -17.0537

# Details

The Hex color **9796C0** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **BFC096**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **CECCF9**, and **63638A** is the 20% darker color. If you saturate the color by 10%, you get **8483C0**, and if you desaturate by 10%, it is **AAA9C0**.

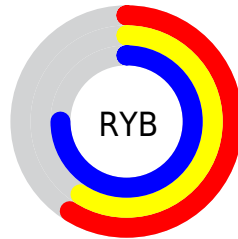
# Distribution



Red (59%)

Green (59%)

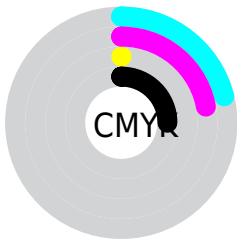
Blue (75%)



Red (59%)

Yellow (59%)

Blue (75%)

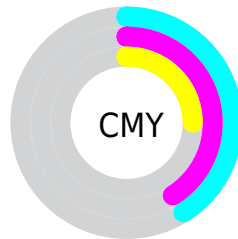


Cyan (21%)

Magenta (22%)

Yellow (0%)

Black (25%)



Cyan (41%)

Magenta (41%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9796C0 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 9796C0 by changing the saturation by 10% instead.



■ 9796C0

■ 9796C0

FFFFFF

■ 7D7CA5

■ CECCF9

■ 63638A

■ EAE8FF

■ 4B4B71

■ 333558

■ 1C2041

■ 07082B

■ 000115

■ 000000

■ 9796C0

■ 9796C0

8483C0

AAA9C0

7270C0

BCBCC0

5F5CC0

CFD0C0

4C49C0

E2E3C0

3936C0

F5F6C0

2723C0

FFFFC0

1410C0

0500C0

# Harmonies

## Analogous

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



7A9DC3



9796C0



B08FB3

# Triad

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



9796C0



BD9079



6AA594

# Complementary

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



9796C0



BFC096

# 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.



80A380



9796C0



AD9770

# Square

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



9796C0



C48B8A



989E73



5CA5AA

# Rectangle

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



9796C0



BC8CA6



989E73



70A58D



# Sweetspot

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



9796C0



E9E8FA



96BFC0



73737D



FCFCFC



7D7D7D



# Same Dimension

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



9796C0



BAB9FA



AC96C0



575761



0400A1



010021



# Inverse Universe

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



C096BF



FAB9F8



AAC096



615761



A1009D

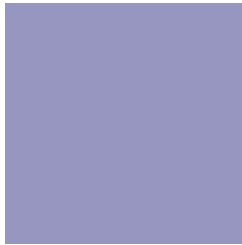


210020



# Previews

## White Background



This preview shows how the Hex color 9796C0 looks on a white background.

## Color Contrast Check

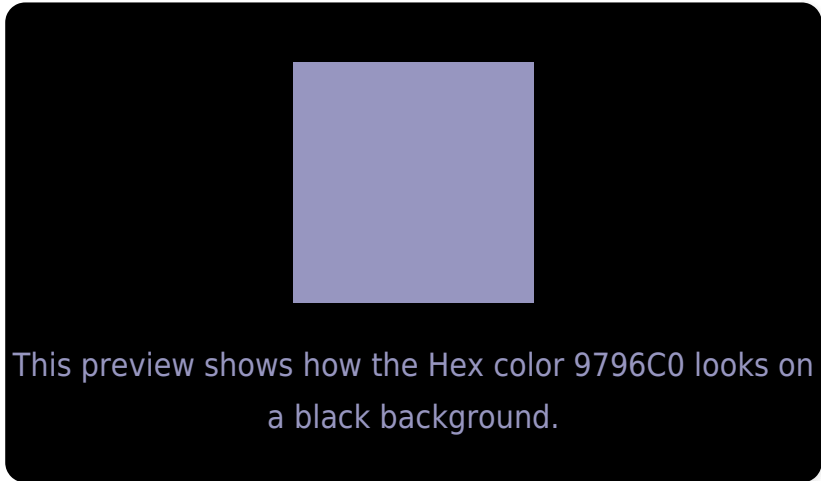
Large Text (above 18pt) WCAG AA × Fail

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

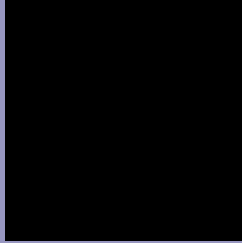
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9796C0 Background



This preview shows how black text looks on a background with the Hex color 9796C0.



This preview shows how white text looks on a background with the Hex color 9796C0.

# 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**  
9796C0

**Protanopia**  
9098C1

**Deuteranopia**  
9597C0



**Tritanopia**  
929BA7

# Trichromacy



**Original Color**  
9796C0

**Protanomaly**  
9397C1

**Deuteranomaly**  
9697C0

**Tritanomaly**  
9499B0

# Monochromacy



**Original Color**  
9796C0

**Achromatopsia**  
9B9B9B

**Achromatomaly**  
9A99A8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9796C0 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 #9796C0 looks like.

```
.text, #text, p{  
    color:#9796C0  
}
```

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 #9796C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9796C0
}
```

## Border

The CSS property to change the border of an element to Hex 9796C0 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
#9796C0 }
```

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

```
.border{ border-color:#9796C0 }
```

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

Here you see how a box with a 4 pixel #9796C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9796C0; -webkit-box-shadow:4px 4px  
4px 4px #9796C0; box-shadow:4px 4px 4px  
4px #9796C0 }
```

# Background

The CSS property to change the background color of an element to Hex 9796C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9796C0 }
```

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

```
.background{ background-color:#9796C0 }
```

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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