

# Converting Colors

Hex(9797B3)

Have a look what the booklet for  
Hex(9797B3) contains.

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# **Color**

**Hex(9797B3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9797B3
RGB	151, 151, 179
RGB Percent	59%, 59%, 70%
CMY	0.4078, 0.4078, 0.2980
CMYK	0.16, 0.16, 0.00, 0.30
HSL	240°, 16%, 65%
HSV	240°, 16%, 70%
XYZ	31.9658, 31.9672, 47.1333
YIQ	154.1920, -8.9880, 8.7080

# Conversions

## Conversions Part 2

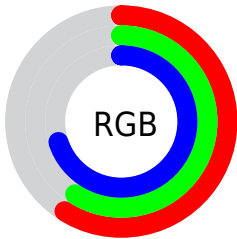
<b>Format</b>	<b>Color</b>
<b>RYB</b>	151, 151, 179
Decimal	9934771
CIELab	63.32, 5.83, -14.54
CIELCh	63, 15.668, 291.857
Yxy	31.9672, 0.2878, 0.2878
Android (android.graphics.Color)	4288124851 (0xFF9797B3)
YUV	154.1920, 12.2303, -2.7994
Hunter-Lab	56.5395, 1.9744, -9.8485

# Details

The Hex color **9797B3** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **B3B397**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **CDCDEB**, and **64647E** is the 20% darker color. If you saturate the color by 10%, you get **8585B3**, and if you desaturate by 10%, it is **A9A9B3**.

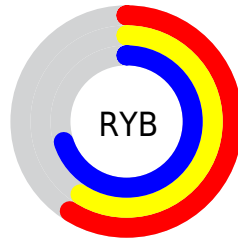
# Distribution



Red (59%)

Green (59%)

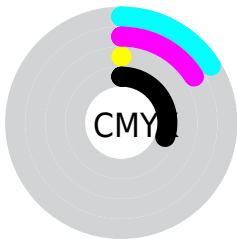
Blue (70%)



Red (59%)

Yellow (59%)

Blue (70%)

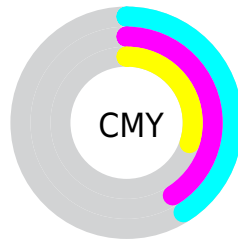


Cyan (16%)

Magenta (16%)

Yellow (0%)

Black (30%)



Cyan (41%)

Magenta (41%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9797B3 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 9797B3 by changing the saturation by 10% instead.



■ 9797B3

■ 9797B3

FFFFFF

■ 7D7D98

■ CDCDEB

■ 64647E

■ EAE9FF

■ 4C4C65

■ 35364D

■ 1F2036

■ 090921

■ 000007

■ 000000

■ 9797B3

■ 9797B3

8585B3

A9A9B3

7373B3

BBBBB3

6161B3

CDCDB3

4F4FB3

DFDFB3

3E3EB3

F1F1B3

2C2CB3

FFFFB3

1A1AB3

0808B3

0000B3

# Harmonies

## Analogous

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



859CB4



9797B3



A893AB

# Triad

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



9797B3



B39384



7CA195

# Complementary

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



9797B3



B3B397

# 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.



899F88



9797B3



A8977E

# Square

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



9797B3



B7908F



999C7F



74A1A3

# Rectangle

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



9797B3



B091A2



999C7F



80A190



# Sweetspot

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



9797B3



DCDCE8



97B3B3



6E6E75



F5F5F5



757575



# Same Dimension

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



9797B3



BCBCE8



A597B3



505059



000099



00001A



# Inverse Universe

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



B397B3



E8BCE8



A5B397



595059



990099

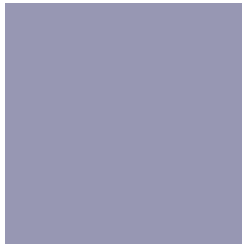


1A001A



# Previews

## White Background



This preview shows how the Hex color 9797B3 looks on a white background.

## Color Contrast Check

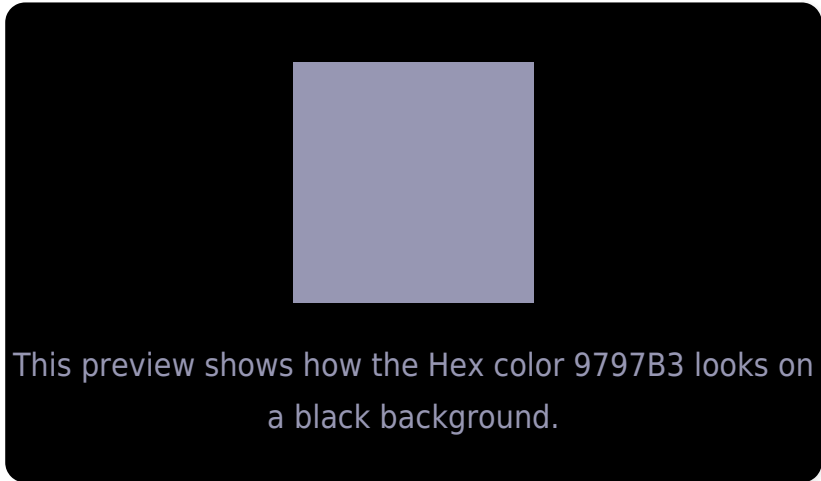
Large Text (above 18pt) WCAG AA × Fail

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

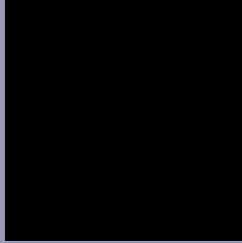
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

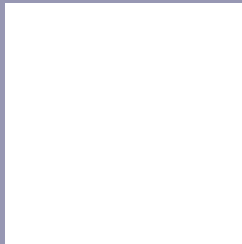
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9797B3 Background



This preview shows how black text looks on a background with the Hex color 9797B3.



This preview shows how white text looks on a background with the Hex color 9797B3.

# 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**  
9797B3

**Protanopia**  
9498B4

**Deuteranopia**  
9B96B3



**Tritanopia**  
9599A5

# Trichromacy



**Original Color**  
9797B3

**Protanomaly**  
9598B4

**Deuteranomaly**  
9A96B3

**Tritanomaly**  
9698AA

# Monochromacy



**Original Color**  
9797B3

**Achromatopsia**  
9A9A9A

**Achromatomaly**  
9999A3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9797B3 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 #9797B3 looks like.

```
.text, #text, p{  
    color:#9797B3  
}
```

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 #9797B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9797B3  
}
```

## Border

The CSS property to change the border of an element to Hex 9797B3 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  
#9797B3 }
```

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

```
.border{ border-color:#9797B3 }
```

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

Here you see how a box with a 4 pixel #9797B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9797B3; -webkit-box-shadow:4px 4px  
4px 4px #9797B3; box-shadow:4px 4px 4px  
4px #9797B3 }
```

# Background

The CSS property to change the background color of an element to Hex 9797B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9797B3 }
```

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

```
.background{ background-color:#9797B3 }
```

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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