

# Converting Colors

Hex(8A97B3)

Have a look what the booklet for  
Hex(8A97B3) contains.

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# Color

**Hex(8A97B3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8A97B3
RGB	138, 151, 179
RGB Percent	54%, 59%, 70%
CMY	0.4588, 0.4078, 0.2980
CMYK	0.23, 0.16, 0.00, 0.30
HSL	221°, 21%, 62%
HSV	221°, 23%, 70%
XYZ	29.6845, 30.7912, 47.0266
YIQ	150.3050, -16.7360, 5.9520

# Conversions

## Conversions Part 2

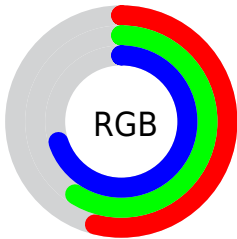
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">138, 148, 179</a>
Decimal	<a href="#">9082803</a>
CIELab	<a href="#">62.33, 1.60, -16.13</a>
CIElCh	<a href="#">62, 16.205, 275.672</a>
Yxy	<a href="#">30.7912, 0.2761, 0.2864</a>
Android (android.graphics.Color)	<a href="#">4287272883 (0xFF8A97B3)</a>
YUV	<a href="#">150.3050, 14.1466, -10.7915</a>
Hunter-Lab	<a href="#">55.4898, -1.6177, -11.4043</a>

# Details

The Hex color **8A97B3** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **B3A68A**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **C0CDEB**, and **57647E** is the 20% darker color. If you saturate the color by 10%, you get **788BB3**, and if you desaturate by 10%, it is **9CA3B3**.

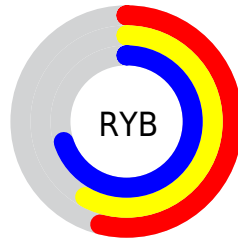
# Distribution



Red (54%)

Green (59%)

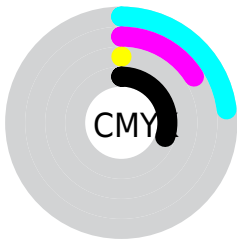
Blue (70%)



Red (54%)

Yellow (58%)

Blue (70%)

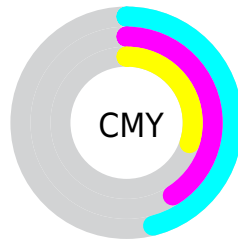


Cyan (23%)

Magenta (16%)

Yellow (0%)

Black (30%)



Cyan (46%)

Magenta (41%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A97B3 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 8A97B3 by changing the saturation by 10% instead.





8A97B3



8A97B3

FFFFFF



707D98



C0CDEB



57647E



DCE9FF



3F4C65



F9FFFF



28364D



112136



000921



000007



000000



8A97B3



8A97B3

788BB3

9CA3B3

667FB3

AEA3B3

5472B3

C0BCB3

4266B3

D2C8B3

315AB3

E3D4B3

1F4EB3

F5E0B3

0D41B3

FFEDB3

0039B3

FFF9B3

FFFFB3

# Harmonies

## Analogous

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



799BB0



8A97B3



9D92AE

# Triad

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



8A97B3



B48E87



7F9E8A

# Complementary

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



8A97B3



B3A68A

# 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.



8F9B7F



8A97B3



AC927D

# Square

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



8A97B3



B48D94



9F977A



739F99

# Rectangle

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



8A97B3



A78FA7



9F977A



849D86

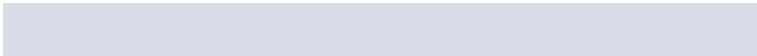


# Sweetspot

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



8A97B3



D8DDE8



8AB3A5



6C6F75



F5F5F5



757575



# Same Dimension

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



8A97B3



A9BDE8



918AB3



505359



003199



00081A



# Inverse Universe

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



B38A97



E8A9BD



ACB38A



595053



990031

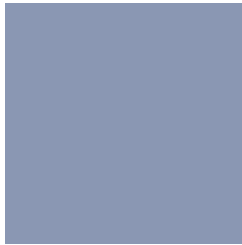


1A0008



# Previews

## White Background



This preview shows how the Hex color 8A97B3 looks on a white background.

## Color Contrast Check

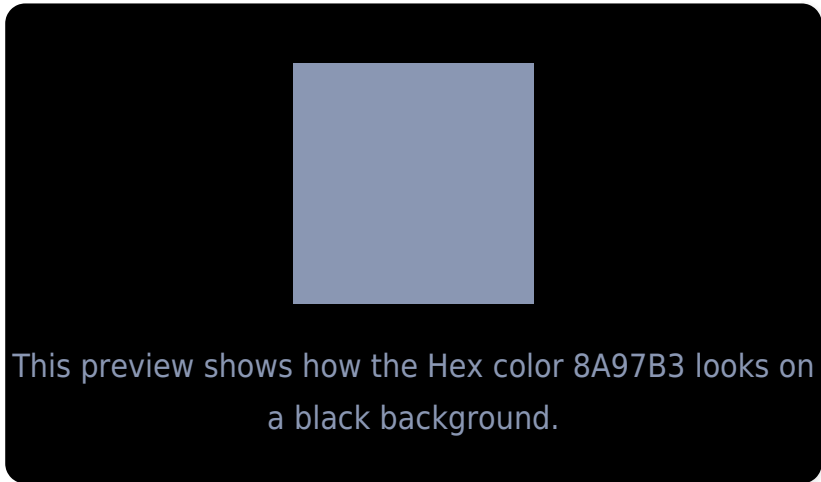
Large Text (above 18pt) WCAG AA × Fail

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

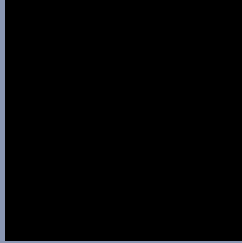
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

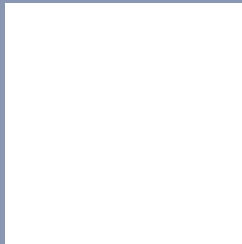
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8A97B3 Background



This preview shows how black text looks on a background with the Hex color 8A97B3.



This preview shows how white text looks on a background with the Hex color 8A97B3.

# 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**  
8A97B3

**Protanopia**  
9195B2

**Deuteranopia**  
9793B4



**Tritanopia**  
8799A6

# Trichromacy



**Original Color**  
8A97B3

**Protanomaly**  
8E96B2

**Deuteranomaly**  
9294B4

**Tritanomaly**  
8898AB

# Monochromacy



**Original Color**  
8A97B3

**Achromatopsia**  
969696

**Achromatomaly**  
9296A1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A97B3 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 #8A97B3 looks like.

```
.text, #text, p{  
    color:#8A97B3  
}
```

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 #8A97B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A97B3
}
```

## Border

The CSS property to change the border of an element to Hex 8A97B3 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".

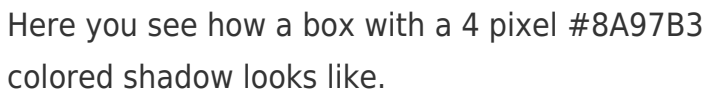
```
.border, #border, table{ border:4px solid
#8A97B3 }
```

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

```
.border{ border-color:#8A97B3 }
```

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

Here you see how a box with a 4 pixel #8A97B3 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a thin blue border on the top, bottom, and left sides. The right side of the box is shadowed, creating a 3D effect. The shadow is a darker blue color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A97B3; -webkit-box-shadow:4px 4px  
4px 4px #8A97B3; box-shadow:4px 4px 4px  
4px #8A97B3 }
```

# Background

The CSS property to change the background color of an element to Hex 8A97B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A97B3 }
```

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

```
.background{ background-color:#8A97B3 }
```

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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