

Converting Colors

Hex(8A93B3)

Have a look what the booklet for
Hex(8A93B3) contains.

Hex(8A93B3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(8A93B3)

Conversions

Conversions Part 1

Format	Color
Hex	8A93B3
RGB	138, 147, 179
RGB Percent	54%, 58%, 70%
CMY	0.4588, 0.4235, 0.2980
CMYK	0.23, 0.18, 0.00, 0.30
HSL	227°, 21%, 62%
HSV	227°, 23%, 70%
XYZ	29.0516, 29.5254, 46.8156
YIQ	147.9570, -15.6360, 8.0440

Conversions

Conversions Part 2

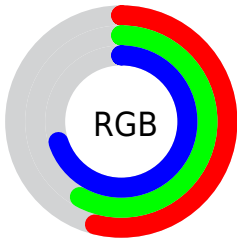
Format	Color
RYB	138, 145, 179
Decimal	9081779
CIELab	61.24, 3.86, -17.78
CIElCh	61, 18.191, 282.266
Yxy	29.5254, 0.2757, 0.2801
Android (android.graphics.Color)	4287271859 (0xFF8A93B3)
YUV	147.9570, 15.3042, -8.7323
Hunter-Lab	54.3373, 0.3455, -13.0467

Details

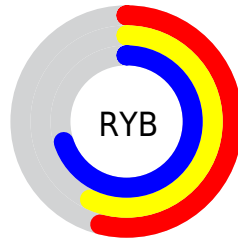
The Hex color **8A93B3** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **B3AA8A**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **C0C9EB**, and **57617E** is the 20% darker color. If you saturate the color by 10%, you get **7885B3**, and if you desaturate by 10%, it is **9CA1B3**.

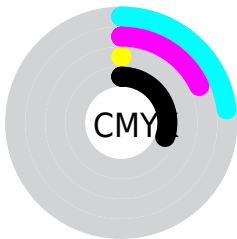
Distribution



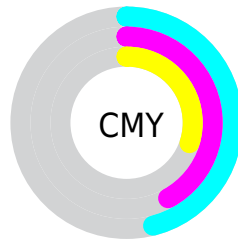
- Red (54%)
- Green (58%)
- Blue (70%)



- Red (54%)
- Yellow (57%)
- Blue (70%)



- Cyan (23%)
- Magenta (18%)
- Yellow (0%)
- Black (30%)



- Cyan (46%)
- Magenta (42%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8A93B3 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 8A93B3 by changing the saturation by 10% instead.



8A93B3



8A93B3

FFFFFF



707998



C0C9EB



57617E



DCE5FF



3F4965



F9FFFF



28324D



111E36



000321



000007



000000



8A93B3



8A93B3

7885B3

9CA1B3

6677B3

AEAFB3

5469B3

C0BDB3

425BB3

D2CBB3

314DB3

E3D9B3

1F3FB3

F5E7B3

0D31B3

FFF5B3

0027B3

FFFFB3

Harmonies

Analogous

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



7698B2



8A93B3



9F8EAC

Triad

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



8A93B3



B38B7F



769C8A

Complementary

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



8A93B3



B3AA8A

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.



87997C



8A93B3



A99076

Square

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



8A93B3



B5898E



999574



6A9D9A

Rectangle

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



8A93B3



AA8BA3



999574



7B9C84

Sweetspot

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



8A93B3



D8DBE8



8AB3A9



6C6E75



F5F5F5



757575

Same Dimension

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



8A93B3



A9B7E8



958AB3



505259



002299



00061A

Inverse Universe

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



B38A93



E8A9B7



A8B38A



595052



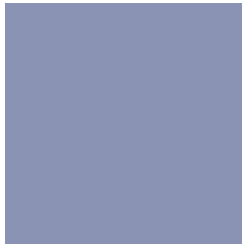
990022



1A0006

Previews

White Background



This preview shows how the Hex color 8A93B3 looks on a white background.

Color Contrast Check

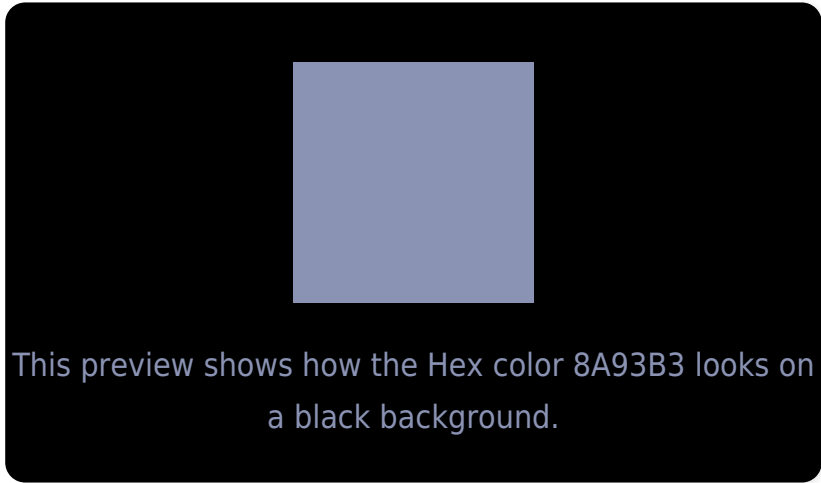
Large Text (above 18pt) WCAG AA ✓ Pass

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

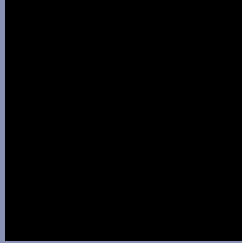
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

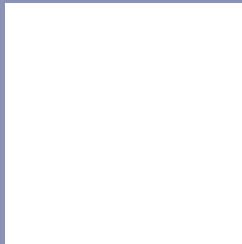
Any Text WCAG AAA × Fail

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

Hex 8A93B3 Background



This preview shows how black text looks on a background with the Hex color 8A93B3.



This preview shows how white text looks on a background with the Hex color 8A93B3.

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
8A93B3

Protanopia
8D92B3

Deuteranopia
9290B4



Tritanopia
8796A2

Trichromacy



Original Color
8A93B3

Protanomaly
8C92B3

Deuteranomaly
8F91B4

Tritanomaly
8895A8

Monochromacy



Original Color
8A93B3

Achromatopsia
949494

Achromatomaly
90949F

CSS Examples

Text

The CSS property to change the color of the text to Hex 8A93B3 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 #8A93B3 looks like.

```
.text, #text, p{  
    color:#8A93B3  
}
```

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 #8A93B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A93B3
}
```

Border

The CSS property to change the border of an element to Hex 8A93B3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

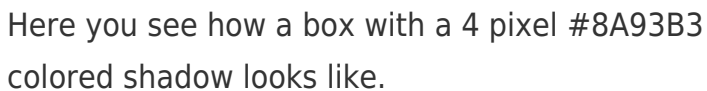
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A93B3 }
```

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

```
.border{ border-color:#8A93B3 }
```

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



Here you see how a box with a 4 pixel #8A93B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A93B3; -webkit-box-shadow:4px 4px  
4px 4px #8A93B3; box-shadow:4px 4px 4px  
4px #8A93B3 }
```

Background

The CSS property to change the background color of an element to Hex 8A93B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A93B3 }
```

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

```
.background{ background-color:#8A93B3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor