

Converting Colors

Hex(8B96B3)

Have a look what the booklet for
Hex(8B96B3) contains.

Hex(8B96B3)	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(8B96B3)

Conversions

Conversions Part 1

Format	Color
Hex	8B96B3
RGB	139, 150, 179
RGB Percent	55%, 59%, 70%
CMY	0.4549, 0.4118, 0.2980
CMYK	0.22, 0.16, 0.00, 0.30
HSL	223°, 21%, 62%
HSV	223°, 22%, 70%
XYZ	29.6905, 30.5563, 46.9809
YIQ	150.0170, -15.8650, 6.6870

Conversions

Conversions Part 2

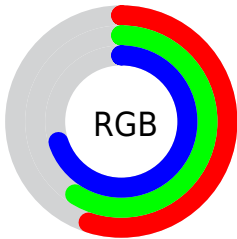
Format	Color
R_{YB}	139, 148, 179
Decimal	9148083
CIE Lab	62.13, 2.48, -16.42
CIE LCh	62, 16.608, 278.605
Yxy	30.5563, 0.2769, 0.2850
Android (android.graphics.Color)	4287338163 (0xFF8B96B3)
YUV	150.0170, 14.2886, -9.6619
Hunter-Lab	55.2778, -0.8612, -11.6965

Details

The Hex color **8B96B3** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **B3A88B**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **C1CCEB**, and **58637E** is the 20% darker color. If you saturate the color by 10%, you get **7989B3**, and if you desaturate by 10%, it is **9DA3B3**.

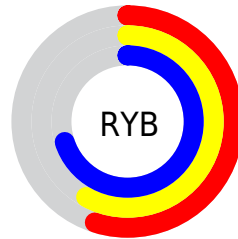
Distribution



Red (55%)

Green (59%)

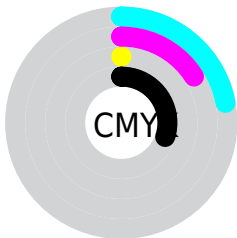
Blue (70%)



Red (55%)

Yellow (58%)

Blue (70%)

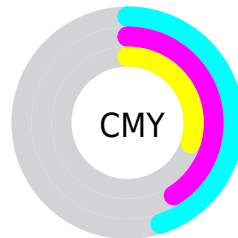


Cyan (22%)

Magenta (16%)

Yellow (0%)

Black (30%)



Cyan (45%)

Magenta (41%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8B96B3 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 8B96B3 by changing the saturation by 10% instead.



8B96B3



8B96B3

FFFFFF



717C98



C1CCEB



58637E



DDE8FF



404C65



FAFFFF



29354D



122036



000821



000007



000000



8B96B3



8B96B3

7989B3

9DA3B3

677CB3

AFB0B3

556FB3

C1BDB3

4362B3

D3CAB3

3255B3

E4D7B3

2048B3

F6E4B3

0E3BB3

FFF1B3

0031B3

FFFEB3

FFFFB3

Harmonies

Analogous

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



799BB1



8B96B3



9E91AD

Triad

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



8B96B3



B48E84



7C9E8B

Complementary

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



8B96B3



B3A88B

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.



8D9B7F



8B96B3



AB927B

Square

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



8B96B3



B48C92



9D9779



719F9A

Rectangle

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



8B96B3



A98EA6



9D9779



829D86

Sweetspot

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



8B96B3



D8DCE8



8BB3A8



6C6E75



F5F5F5



757575

Same Dimension

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



8B96B3



A9BBE8



948BB3



505359



002A99



00071A

Inverse Universe

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



B38B96



E8A9BB



AAB38B



595053



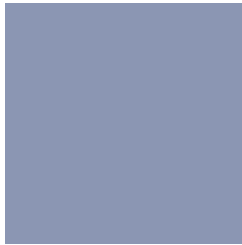
99002A



1A0007

Previews

White Background



This preview shows how the Hex color 8B96B3 looks on a white background.

Color Contrast Check

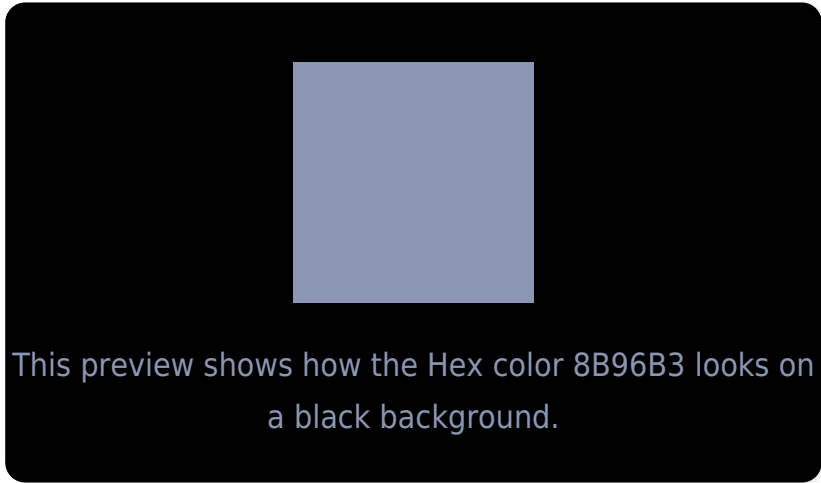
Large Text (above 18pt) WCAG AA × Fail

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

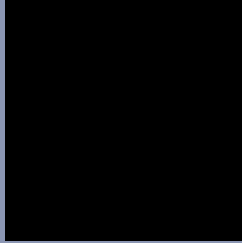
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

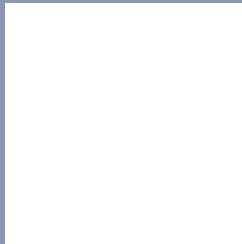
Any Text WCAG AAA ✓ Pass

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

Hex 8B96B3 Background



This preview shows how black text looks on a background with the Hex color 8B96B3.



This preview shows how white text looks on a background with the Hex color 8B96B3.

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
8B96B3

Protanopia
9095B2

Deuteranopia
9693B4



Tritanopia
8898A5

Trichromacy



Original Color
8B96B3

Protanomaly
8E95B2

Deuteranomaly
9294B4

Tritanomaly
8997AA

Monochromacy



Original Color
8B96B3

Achromatopsia
969696

Achromatomaly
9296A1

CSS Examples

Text

The CSS property to change the color of the text to Hex 8B96B3 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 #8B96B3 looks like.

```
.text, #text, p{  
    color:#8B96B3  
}
```

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 #8B96B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B96B3
}
```

Border

The CSS property to change the border of an element to Hex 8B96B3 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
#8B96B3 }
```

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

```
.border{ border-color:#8B96B3 }
```

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

Here you see how a box with a 4 pixel #8B96B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B96B3; -webkit-box-shadow:4px 4px  
4px 4px #8B96B3; box-shadow:4px 4px 4px  
4px #8B96B3 }
```

Background

The CSS property to change the background color of an element to Hex 8B96B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B96B3 }
```

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

```
.background{ background-color:#8B96B3 }
```

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