

# Converting Colors

Hex(8399B3)

Have a look what the booklet for  
Hex(8399B3) contains.

<b>Hex(8399B3)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(8399B3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8399B3
RGB	131, 153, 179
RGB Percent	51%, 60%, 70%
CMY	0.4863, 0.4000, 0.2980
CMYK	0.27, 0.15, 0.00, 0.30
HSL	212°, 24%, 61%
HSV	212°, 27%, 70%
XYZ	28.8880, 30.8624, 47.0823
YIQ	149.3860, -21.4580, 3.4220

# Conversions

## Conversions Part 2

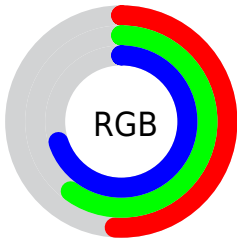
<b>Format</b>	<b>Color</b>
<b>RYB</b>	131, 146, 179
Decimal	8624563
CIELab	62.39, -1.72, -16.08
CIElCh	62, 16.173, 263.893
Yxy	30.8624, 0.2704, 0.2889
Android (android.graphics.Color)	4286814643 (0xFF8399B3)
YUV	149.3860, 14.5997, -16.1245
Hunter-Lab	55.5540, -4.3997, -11.3608

# Details

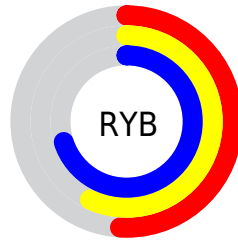
The Hex color **8399B3** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **B39D83**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **B9CFEB**, and **50667E** is the 20% darker color. If you saturate the color by 10%, you get **718FB3**, and if you desaturate by 10%, it is **95A3B3**.

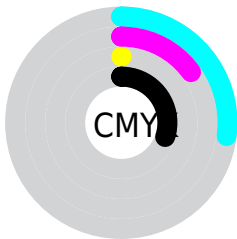
# Distribution



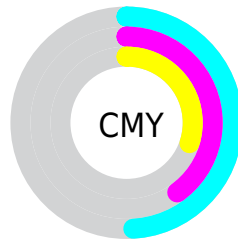
- Red (51%)
- Green (60%)
- Blue (70%)



- Red (51%)
- Yellow (57%)
- Blue (70%)



- Cyan (27%)
- Magenta (15%)
- Yellow (0%)
- Black (30%)



- Cyan (49%)
- Magenta (40%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8399B3 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 8399B3 by changing the saturation by 10% instead.





8399B3



8399B3

FFFFFF



697F98



B9CFEB



50667E



D5EBFF



384E65



F1FFFF



20374D



072236



000C21



000007



000000



8399B3



8399B3

718FB3

95A3B3

5F86B3

A7ACB3

4D7CB3

B9B6B3

3B72B3

CBC0B3

2A69B3

DCC9B3

185FB3

EED3B3

0655B3

FFDDB3

0052B3

FFE7B3

FFF0B3

# Harmonies

## Analogous

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



759DAD



8399B3



9694B1

# Triad

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



8399B3



B58D8C



859D86

# Complementary

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



8399B3



B39D83

# 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.



96997D



8399B3



B09080

# Square

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



8399B3



B28D9A



A5957B



779F93

# Rectangle

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



8399B3



A291AC



A5957B



8B9C82

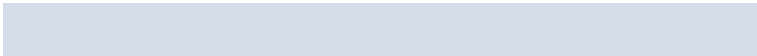


# Sweetspot

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



8399B3



D5DEE8



83B39D



6A6F75



F5F5F5



757575



# Same Dimension

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



8399B3



9EC0E8



8583B3



505459



004699



000C1A



# Inverse Universe

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



B38399



E89EC0



B1B383



595054



990046

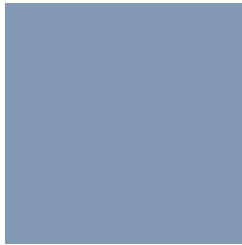


1A000C



# Previews

## White Background



This preview shows how the Hex color 8399B3 looks on a white background.

## Color Contrast Check

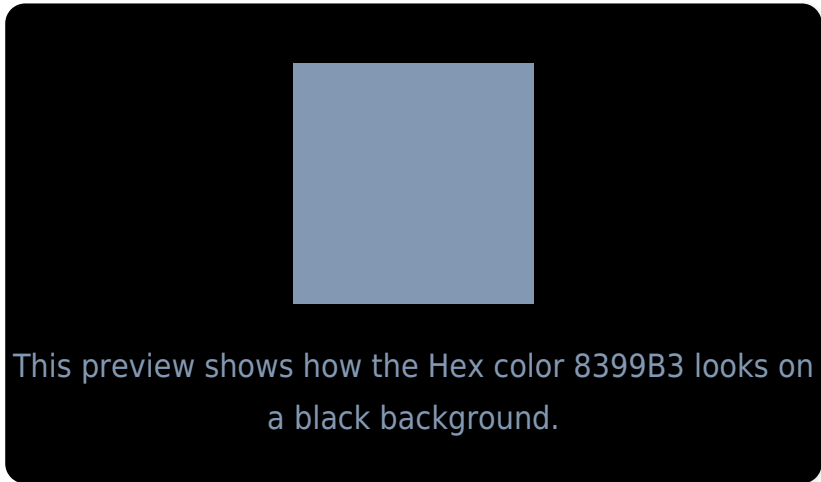
Large Text (above 18pt) WCAG AA × Fail

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

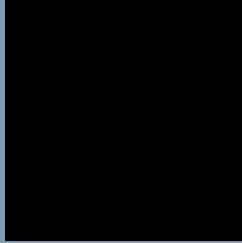
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

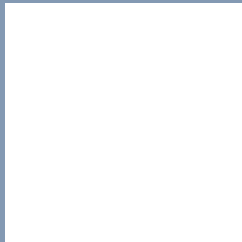
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8399B3 Background



This preview shows how black text looks on a background with the Hex color 8399B3.



This preview shows how white text looks on a background with the Hex color 8399B3.

# 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**  
8399B3

**Protanopia**  
9195B1

**Deuteranopia**  
9793B4



**Tritanopia**  
819BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8399B3 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 #8399B3 looks like.

```
.text, #text, p{  
    color:#8399B3  
}
```

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 #8399B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8399B3
}
```

## Border

The CSS property to change the border of an element to Hex 8399B3 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
#8399B3 }
```

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

```
.border{ border-color:#8399B3 }
```

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

Here you see how a box with a 4 pixel #8399B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8399B3; -webkit-box-shadow:4px 4px  
4px 4px #8399B3; box-shadow:4px 4px 4px  
4px #8399B3 }
```

# Background

The CSS property to change the background color of an element to Hex 8399B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8399B3 }
```

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

```
.background{ background-color:#8399B3 }
```

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