

# Converting Colors

Hex(7BA2B3)

Have a look what the booklet for  
Hex(7BA2B3) contains.

<b>Hex(7BA2B3)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(7BA2B3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7BA2B3
RGB	123, 162, 179
RGB Percent	48%, 64%, 70%
CMY	0.5176, 0.3647, 0.2980
CMYK	0.31, 0.09, 0.00, 0.30
HSL	198°, 27%, 59%
HSV	198°, 31%, 70%
XYZ	29.2254, 33.3063, 47.5362
YIQ	152.2770, -28.7010, -2.9810

# Conversions

## Conversions Part 2

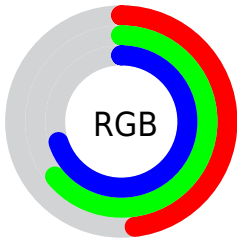
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">123, 146, 179</a>
Decimal	<a href="#">8102579</a>
CIELab	<a href="#">64.41, -9.11, -13.09</a>
CIElCh	<a href="#">64, 15.947, 235.161</a>
Yxy	<a href="#">33.3063, 0.2655, 0.3026</a>
Android (android.graphics.Color)	<a href="#">4286292659 (0xFF7BA2B3)</a>
YUV	<a href="#">152.2770, 13.1744, -25.6759</a>
Hunter-Lab	<a href="#">57.7116, -10.6022, -8.4382</a>

# Details

The Hex color **7BA2B3** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B38C7B**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **B1D9EB**, and **486E7E** is the 20% darker color. If you saturate the color by 10%, you get **699DB3**, and if you desaturate by 10%, it is **8DA7B3**.

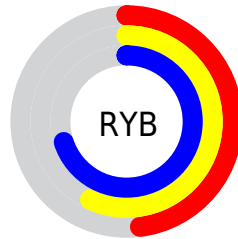
# Distribution



Red (48%)

Green (64%)

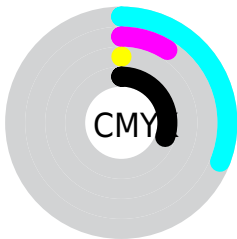
Blue (70%)



Red (48%)

Yellow (57%)

Blue (70%)

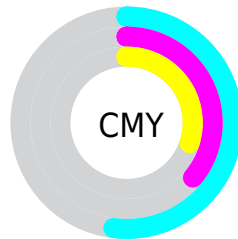


Cyan (31%)

Magenta (9%)

Yellow (0%)

Black (30%)



Cyan (52%)

Magenta (36%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7BA2B3 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 7BA2B3 by changing the saturation by 10% instead.





7BA2B3



7BA2B3

FFFFFF



618898



B1D9EB



486E7E



CDF5FF



2F5665



E9FFFF



153F4D



002937



001521



000008



000000



7BA2B3



7BA2B3

699DB3

8DA7B3

5797B3

9FADB3

4592B3

B1B2B3

338CB3

C3B8B3

2287B3

D5BDB3

1081B3

E6C3B3

007DB3

F8C8B3

FFCDB3

FFD3B3

# Harmonies

## Analogous

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



76A4A8



7BA2B3



899EB8

# Triad

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



7BA2B3



B7929F



9A9F82

# Complementary

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



7BA2B3



B38C7B

# 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.



AA9A80



7BA2B3



BA9391

# Square

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



7BA2B3



AD95AD



B59685



8AA28C

# Rectangle

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



7BA2B3



969BB7



B59685



A09E81



# Sweetspot

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



7BA2B3



D3E2E8



7BB38C



687175



F5F5F5



757575



# Same Dimension

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



7BA2B3



90CDE8



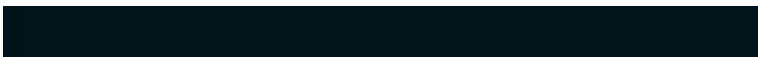
7B86B3



505759



006B99



00121A



# Inverse Universe

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



B37BA2



E890CD



B3A87B



595057



99006B



1A0012



# Previews

## White Background



This preview shows how the Hex color 7BA2B3 looks on a white background.

## Color Contrast Check

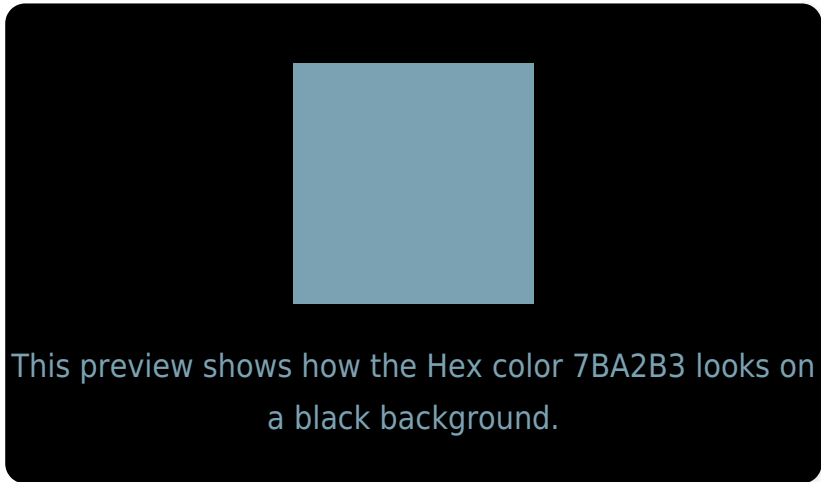
Large Text (above 18pt) WCAG AA × Fail

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

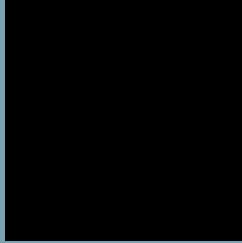
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7BA2B3 Background



This preview shows how black text looks on a background with the Hex color 7BA2B3.

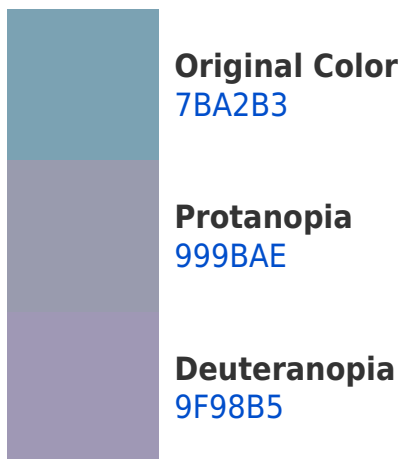


This preview shows how white text looks on a background with the Hex color 7BA2B3.

# 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](#).

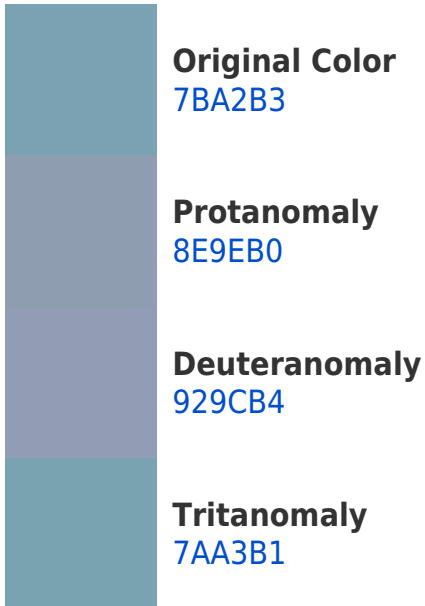
## Dichromacy



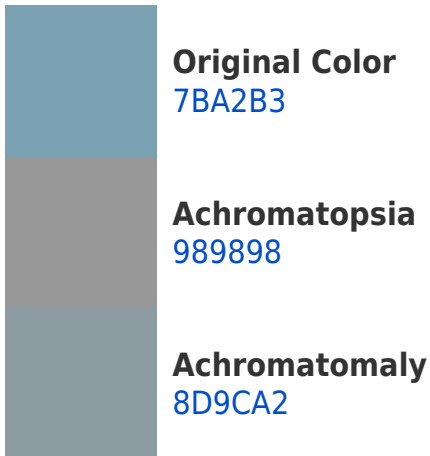


**Tritanopia**  
7AA3B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7BA2B3 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 #7BA2B3 looks like.

```
.text, #text, p{  
    color:#7BA2B3  
}
```

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 #7BA2B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BA2B3
}
```

## Border

The CSS property to change the border of an element to Hex 7BA2B3 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
#7BA2B3 }
```

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

```
.border{ border-color:#7BA2B3 }
```

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

Here you see how a box with a 4 pixel #7BA2B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BA2B3; -webkit-box-shadow:4px 4px  
4px 4px #7BA2B3; box-shadow:4px 4px 4px  
4px #7BA2B3 }
```

# Background

The CSS property to change the background color of an element to Hex 7BA2B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BA2B3 }
```

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

```
.background{ background-color:#7BA2B3 }
```

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