

# Converting Colors

Hex(8CA7B3)

Have a look what the booklet for  
Hex(8CA7B3) contains.

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# **Color**

**Hex(8CA7B3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8CA7B3
RGB	140, 167, 179
RGB Percent	55%, 65%, 70%
CMY	0.4510, 0.3451, 0.2980
CMYK	0.22, 0.07, 0.00, 0.30
HSL	198°, 20%, 63%
HSV	198°, 22%, 70%
XYZ	32.7706, 36.4676, 47.9596
YIQ	160.2950, -19.9440, -1.9920

# Conversions

## Conversions Part 2

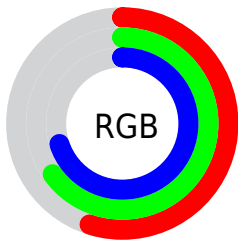
Format	Color
<b>RYB</b>	140, 156, 179
Decimal	9217971
CIELab	66.88, -6.62, -9.28
CIELCh	67, 11.400, 234.518
Yxy	36.4676, 0.2796, 0.3112
Android (android.graphics.Color)	4287408051 (0xFF8CA7B3)
YUV	160.2950, 9.2216, -17.7987
Hunter-Lab	60.3884, -8.8141, -4.8154

# Details

The Hex color **8CA7B3** is a light color, and the websafe version is hex **999999**. A complement of this color would be **B3988C**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **C2DEEB**, and **59737E** is the 20% darker color. If you saturate the color by 10%, you get **7AA1B3**, and if you desaturate by 10%, it is **9EADB3**.

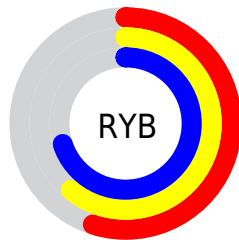
# Distribution



Red (55%)

Green (65%)

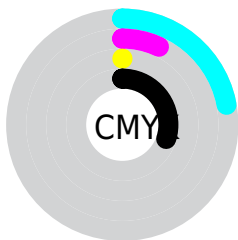
Blue (70%)



Red (55%)

Yellow (61%)

Blue (70%)

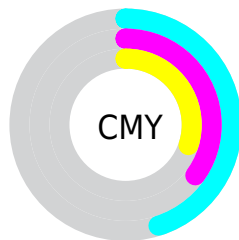


Cyan (22%)

Magenta (7%)

Yellow (0%)

Black (30%)



Cyan (45%)

Magenta (35%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8CA7B3 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 8CA7B3 by changing the saturation by 10% instead.





8CA7B3



8CA7B3

FFFFFF



728D98



C2DEEB



59737E



DEFBF



415B65



FBFFFF



2A434D



122D37



001921



000009



000000



8CA7B3



8CA7B3

7AA1B3

9EADB3

689CB3

B0B2B3

5696B3

C2B8B3

4491B3

D4BDB3

338BB3

E6C3B3

2186B3

F7C8B3

0F80B3

FFCEB3

007CB3

FFD3B3

FFD9B3

# Harmonies

## Analogous

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



89A9AB



8CA7B3



96A4B7

# Triad

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



8CA7B3



B69CA5



A2A590

# Complementary

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



8CA7B3



B3988C

# 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.



ADA18E



8CA7B3



B99C9B

# Square

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



8CA7B3



AE9EAF



B59E92



96A797

# Rectangle

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



8CA7B3



9EA2B6



B59E92



A6A48F

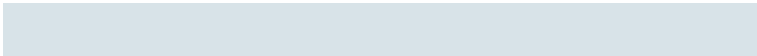


# Sweetspot

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



8CA7B3



D8E3E8



8CB398



6C7275



F5F5F5



757575



# Same Dimension

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



8CA7B3



ACD5E8



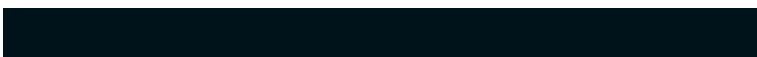
8C94B3



505759



006A99



00121A



# Inverse Universe

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



B38CA7



E8ACD5



B3AB8C



595057



99006A



1A0012



# Previews

## White Background



This preview shows how the Hex color 8CA7B3 looks on a white background.

## Color Contrast Check

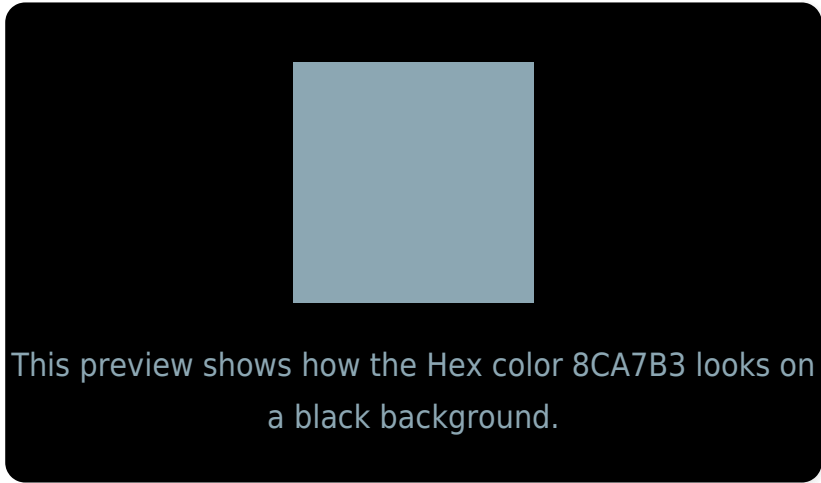
Large Text (above 18pt) WCAG AA × Fail

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

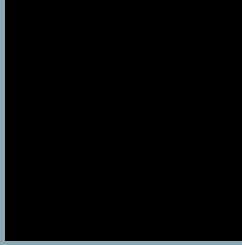
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

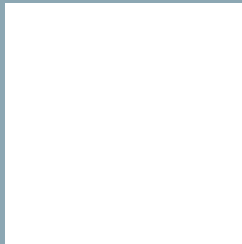
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8CA7B3 Background



This preview shows how black text looks on a background with the Hex color 8CA7B3.

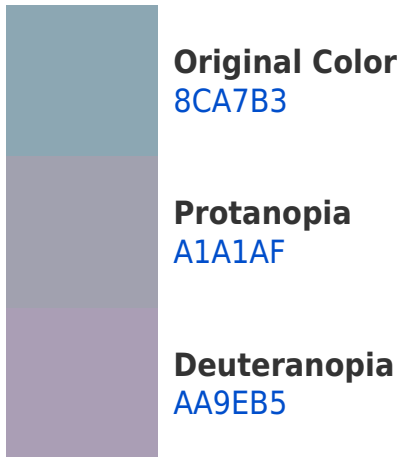


This preview shows how white text looks on a background with the Hex color 8CA7B3.

# 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](#).

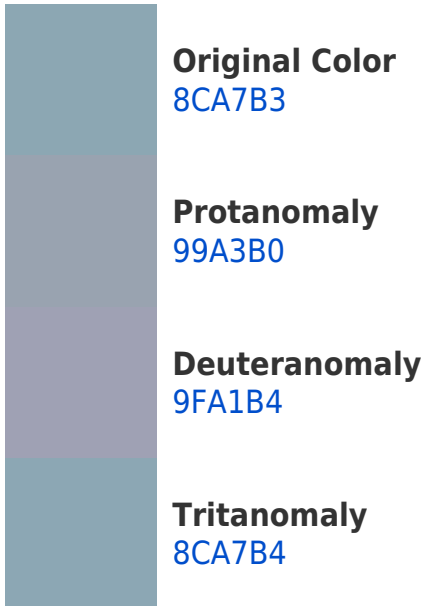
## Dichromacy



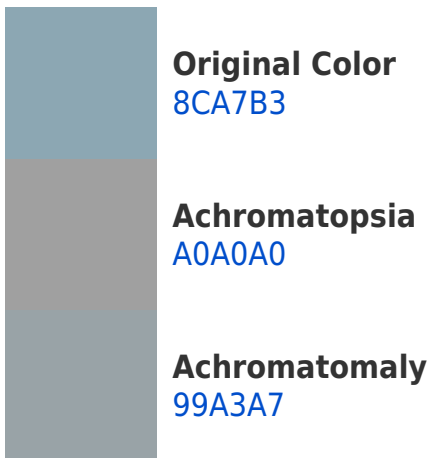


**Tritanopia**  
8CA7B4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8CA7B3 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 #8CA7B3 looks like.

```
.text, #text, p{  
    color:#8CA7B3  
}
```

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 #8CA7B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8CA7B3
}
```

## Border

The CSS property to change the border of an element to Hex 8CA7B3 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
#8CA7B3 }
```

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

```
.border{ border-color:#8CA7B3 }
```

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

Here you see how a box with a 4 pixel #8CA7B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8CA7B3; -webkit-box-shadow:4px 4px  
4px 4px #8CA7B3; box-shadow:4px 4px 4px  
4px #8CA7B3 }
```

# Background

The CSS property to change the background color of an element to Hex 8CA7B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8CA7B3 }
```

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

```
.background{ background-color:#8CA7B3 }
```

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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