

# Converting Colors

Hex(8CA6B0)

Have a look what the booklet for  
Hex(8CA6B0) contains.

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# **Color**

**Hex(8CA6B0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8CA6B0
RGB	140, 166, 176
RGB Percent	55%, 65%, 69%
CMY	0.4510, 0.3490, 0.3098
CMYK	0.20, 0.06, 0.00, 0.31
HSL	197°, 19%, 62%
HSV	197°, 20%, 69%
XYZ	32.2879, 35.9825, 46.3179
YIQ	159.3660, -18.7060, -2.4020

# Conversions

## Conversions Part 2

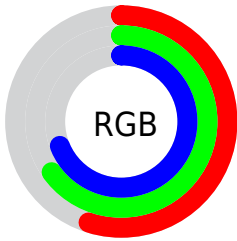
Format	Color
<a href="#">RYB</a>	<a href="#">140, 155, 176</a>
Decimal	<a href="#">9217712</a>
CIELab	<a href="#">66.51, -6.76, -8.16</a>
CIElCh	<a href="#">67, 10.596, 230.387</a>
Yxy	<a href="#">35.9825, 0.2818, 0.3140</a>
Android (android.graphics.Color)	<a href="#">4287407792</a> ( <a href="#">0xFF8CA6B0</a> )
YUV	<a href="#">159.3660, 8.2006, -16.9840</a>
Hunter-Lab	<a href="#">59.9854, -8.8945, -3.7911</a>

# Details

The Hex color **8CA6B0** is a light color, and the websafe version is hex **999999**. A complement of this color would be **B0968C**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **C2DDE8**, and **59727C** is the 20% darker color. If you saturate the color by 10%, you get **7AA1B0**, and if you desaturate by 10%, it is **9EABB0**.

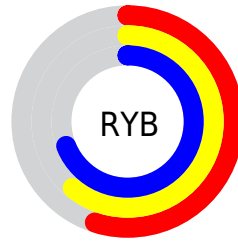
# Distribution



Red (55%)

Green (65%)

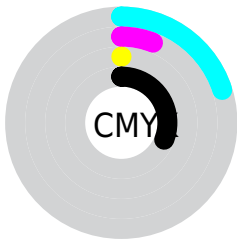
Blue (69%)



Red (55%)

Yellow (61%)

Blue (69%)

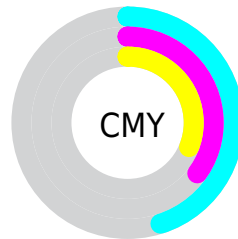


Cyan (20%)

Magenta (6%)

Yellow (0%)

Black (31%)



Cyan (45%)

Magenta (35%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8CA6B0 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 8CA6B0 by changing the saturation by 10% instead.





8CA6B0



8CA6B0

FFFFFF



728C95



C2DDE8



59727C



DEFAFF



415A63



FBFFFF



2A424B



132C34



00181F



000005



000000



8CA6B0



8CA6B0

7AA1B0

9EABB0

699CB0

AFB0B0

5797B0

C1B5B0

4692B0

D2BAB0

348EB0

E4BEB0

2289B0

F6C3B0

1184B0

FFC8B0

007FB0

FFCDB0

FFD2B0

# Harmonies

## Analogous

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



8AA7A8



8CA6B0



94A3B4

# Triad

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



8CA6B0



B39CA5



A3A390

# Complementary

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



8CA6B0



B0968C

# 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.



ADA08F



8CA6B0



B69B9B

# Square

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



8CA6B0



AB9DAE



B49D93



98A695

# Rectangle

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



8CA6B0



9CA1B4



B49D93



A6A28F

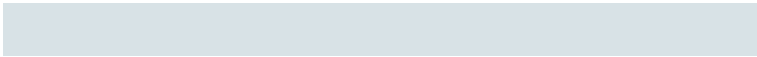


# Sweetspot

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



8CA6B0



D8E2E6



8CB096



6B7173



F2F2F2



737373



# Same Dimension

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



8CA6B0



ACD6E6



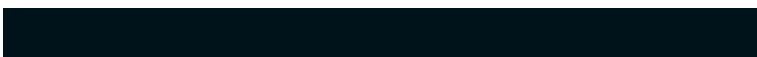
8C94B0



505759



006F99



00121A



# Inverse Universe

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



B08CA6



E6ACD6



B0A88C



595057



99006F



1A0012



# Previews

## White Background



This preview shows how the Hex color 8CA6B0 looks on a white background.

## Color Contrast Check

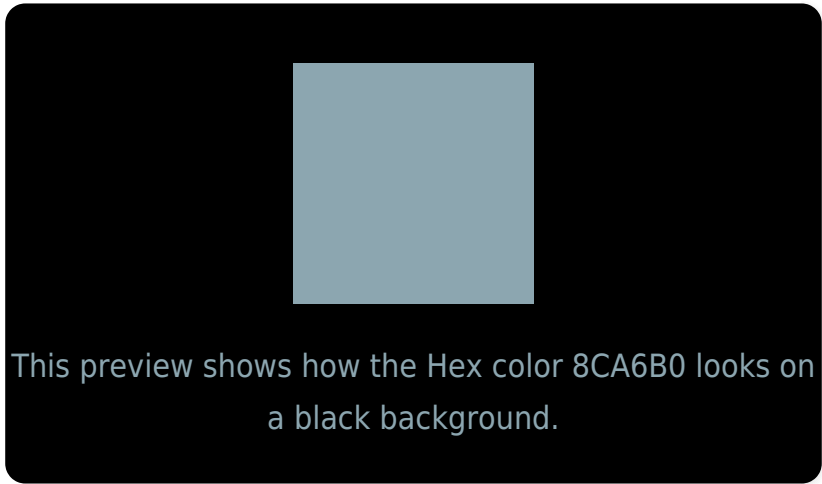
Large Text (above 18pt) WCAG AA × Fail

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

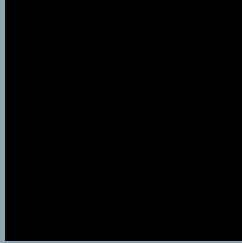
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

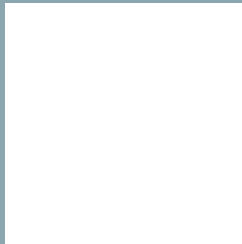
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8CA6B0 Background



This preview shows how black text looks on a background with the Hex color 8CA6B0.

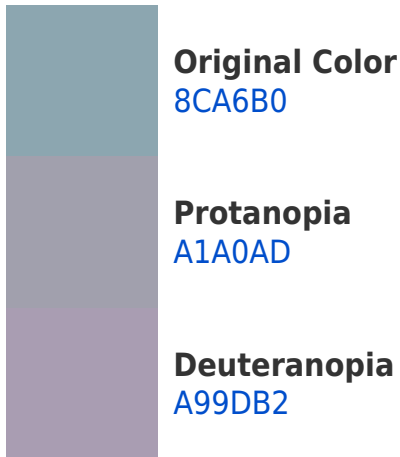


This preview shows how white text looks on a background with the Hex color 8CA6B0.

# 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](#).

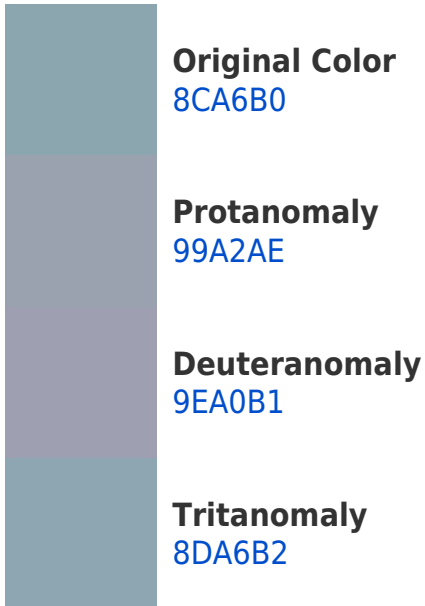
## Dichromacy



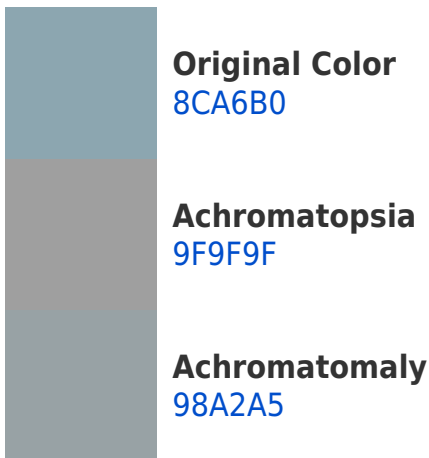


**Tritanopia**  
8DA6B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8CA6B0 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 #8CA6B0 looks like.

```
.text, #text, p{  
    color:#8CA6B0  
}
```

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 #8CA6B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8CA6B0
}
```

## Border

The CSS property to change the border of an element to Hex 8CA6B0 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
#8CA6B0 }
```

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

```
.border{ border-color:#8CA6B0 }
```

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

Here you see how a box with a 4 pixel #8CA6B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8CA6B0; -webkit-box-shadow:4px 4px  
4px 4px #8CA6B0; box-shadow:4px 4px 4px  
4px #8CA6B0 }
```

# Background

The CSS property to change the background color of an element to Hex 8CA6B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8CA6B0 }
```

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

```
.background{ background-color:#8CA6B0 }
```

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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