

# Converting Colors

Hex(8BA9CB)

Have a look what the booklet for  
Hex(8BA9CB) contains.

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# **Color**

**Hex(8BA9CB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8BA9CB
RGB	139, 169, 203
RGB Percent	55%, 66%, 80%
CMY	0.4549, 0.3373, 0.2039
CMYK	0.32, 0.17, 0.00, 0.20
HSL	212°, 38%, 67%
HSV	212°, 32%, 80%
XYZ	35.6149, 38.1767, 61.9916
YIQ	163.9060, -28.7940, 4.2140

# Conversions

## Conversions Part 2

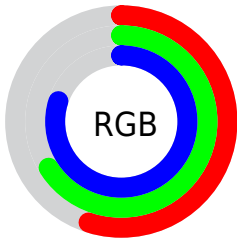
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	139, 159, 203
Decimal	9152971
CIE Lab	68.15, -2.25, -20.68
CIE LCh	68, 20.798, 263.791
Yxy	38.1767, 0.2623, 0.2812
Android (android.graphics.Color)	4287343051 (0xFF8BA9CB)
YUV	163.9060, 19.2733, -21.8426
Hunter-Lab	61.7873, -5.2383, -16.2350

# Details

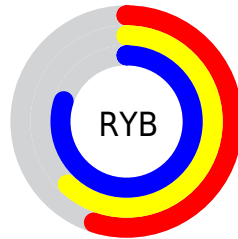
The Hex color **8BA9CB** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **CBAD8B**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **C2E0FF**, and **577595** is the 20% darker color. If you saturate the color by 10%, you get **779ECB**, and if you desaturate by 10%, it is **9FB4CB**.

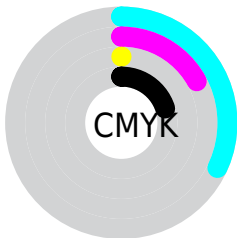
# Distribution



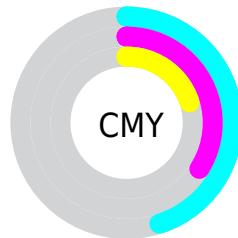
- Red (55%)
- Green (66%)
- Blue (80%)



- Red (55%)
- Yellow (62%)
- Blue (80%)



- Cyan (32%)
- Magenta (17%)
- Yellow (0%)
- Black (20%)



- Cyan (45%)
- Magenta (34%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8BA9CB 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 8BA9CB by changing the saturation by 10% instead.



 8BA9CB

 8BA9CB

FFFFFF

 718FB0

 C2E0FF

 577595

 DEFDFE

 3D5C7B

 FBFFFF

 244562

 052F4A

 001A33

 00021E

 000001

 000000

 8BA9CB

 8BA9CB

 779ECB

 9FB4CB

 6293CB

 B4BFCB

 4E89CB


 C8C9CB

 3A7ECB

 DCD4CB

 2573CB

 F1DFCB

 1168CB

 FFEACB

 005FCB

 FFF4CB

 FFFFCB

# Harmonies

## Analogous

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



77AEC4



8BA9CB



A4A3C8

# Triad

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



8BA9CB



CD9998



8FAE8F

# Complementary

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



8BA9CB



CBAD8B

# 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.



A4AA84



8BA9CB



C79D89

# Square

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



8BA9CB



C999AB



B8A481



7CB1A1

# Rectangle

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



8BA9CB



B49EC1



B8A481



96AD8B

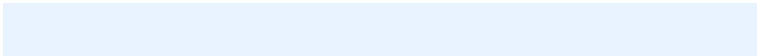


# Sweetspot

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



8BA9CB



E8F3FF



8BCBAC



717880



000000



808080

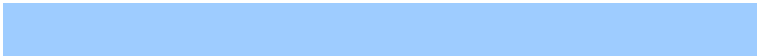


# Same Dimension

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



8BA9CB



9ECCFF



8C8BCB



5C6166



004EA6



001226



# Inverse Universe

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



CB8BA9



FF9ECC



CACB8B



665C61



A6004E

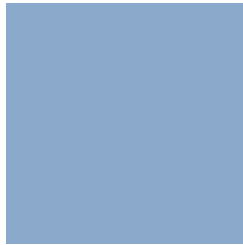


260012



# Previews

## White Background



This preview shows how the Hex color 8BA9CB looks on a white background.

## Color Contrast Check

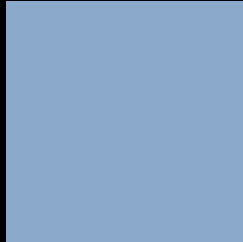
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 8BA9CB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

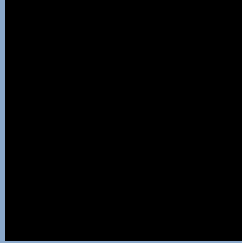
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

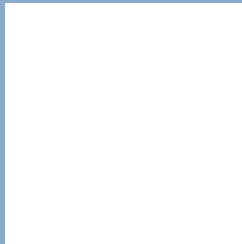
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8BA9CB Background



This preview shows how black text looks on a background with the Hex color 8BA9CB.

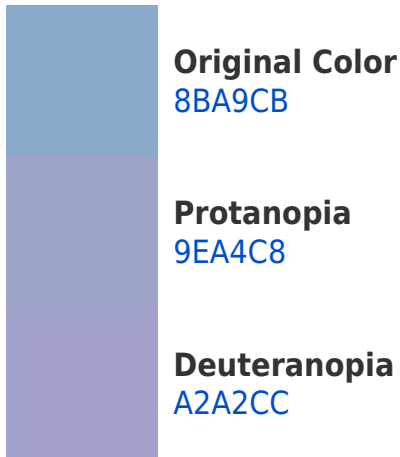


This preview shows how white text looks on a background with the Hex color 8BA9CB.

# 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](#).

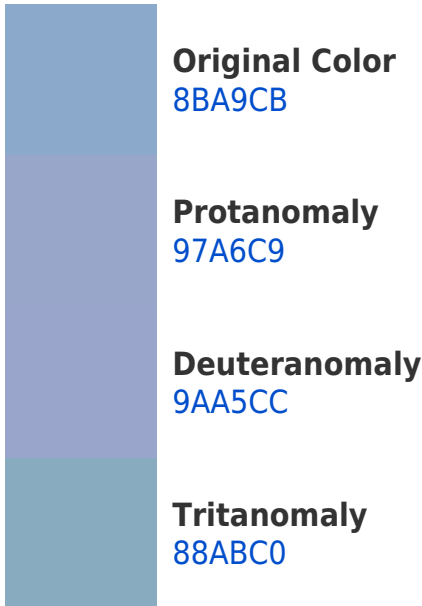
## Dichromacy



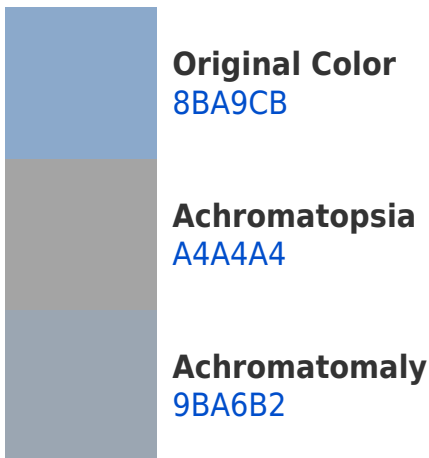


**Tritanopia**  
87ACBA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8BA9CB 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 #8BA9CB looks like.

```
.text, #text, p{  
    color:#8BA9CB  
}
```

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 #8BA9CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8BA9CB
}
```

## Border

The CSS property to change the border of an element to Hex 8BA9CB 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
#8BA9CB }
```

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

```
.border{ border-color:#8BA9CB }
```

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

Here you see how a box with a 4 pixel #8BA9CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8BA9CB; -webkit-box-shadow:4px 4px  
4px 4px #8BA9CB; box-shadow:4px 4px 4px  
4px #8BA9CB }
```

# Background

The CSS property to change the background color of an element to Hex 8BA9CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8BA9CB }
```

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

```
.background{ background-color:#8BA9CB }
```

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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