

# Converting Colors

Hex(8497CB)

Have a look what the booklet for  
Hex(8497CB) contains.

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# **Color**

**Hex(8497CB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8497CB
RGB	132, 151, 203
RGB Percent	52%, 59%, 80%
CMY	0.4824, 0.4078, 0.2039
CMYK	0.35, 0.26, 0.00, 0.20
HSL	224°, 41%, 66%
HSV	224°, 35%, 80%
XYZ	31.3618, 31.3505, 60.8982
YIQ	151.2470, -28.0160, 12.1440

# Conversions

## Conversions Part 2

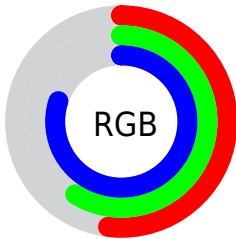
Format	Color
<a href="#">RYB</a>	<a href="#">132, 147, 203</a>
Decimal	<a href="#">8689611</a>
CIELab	<a href="#">62.80, 5.84, -28.92</a>
CIELCh	<a href="#">63, 29.501, 281.422</a>
Yxy	<a href="#">31.3505, 0.2537, 0.2536</a>
Android (android.graphics.Color)	<a href="#">4286879691 (0xFF8497CB)</a>
YUV	<a href="#">151.2470, 25.5142, -16.8796</a>
Hunter-Lab	<a href="#">55.9916, 1.9956, -25.2916</a>

# Details

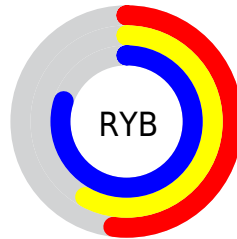
The Hex color **8497CB** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **CBB884**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **BBCDFF**, and **506495** is the 20% darker color. If you saturate the color by 10%, you get **7088CB**, and if you desaturate by 10%, it is **98A6CB**.

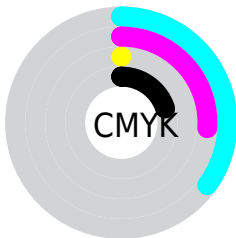
# Distribution



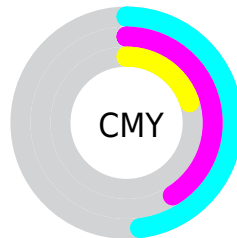
- Red (52%)
- Green (59%)
- Blue (80%)



- Red (52%)
- Yellow (58%)
- Blue (80%)



- Cyan (35%)
- Magenta (26%)
- Yellow (0%)
- Black (20%)



- Cyan (48%)
- Magenta (41%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8497CB 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 8497CB by changing the saturation by 10% instead.



■ 8497CB

■ 8497CB

FFFFFF

■ 6A7DAF

■ BBCDFF

■ 506495

■ D7E9FF

■ 364D7B

■ F4FFFF

■ 1A3662

■ 00214A

■ 000A33

■ 00021D

■ 000000

■ 8497CB

■ 8497CB

■ 7088CB

■ 98A6CB

■ 5B79CB

■ ADB5CB

■ 476ACB

■ C1C4CB

■ 335CCB

■ D5D2CB

■ 1F4DCB

■ EAE1CB

■ 0A3ECB

■ FEF0CB

■ 0036CB

■ FFFFCB

# Harmonies

## Analogous

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



5C9FC9



8497CB



A88EBF

# Triad

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



8497CB



C88876



64A586

# Complementary

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



8497CB



CBB884

# 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.



83A170



8497CB



B89167

# Square

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



8497CB



CC848F



A09A64



48A6A1

# Rectangle

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



8497CB



BA88B1



A09A64



6EA47E



# Sweetspot

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



8497CB



E6ECFF



84CBB7



707480



000000



808080



# Same Dimension

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



8497CB



94B1FF



9384CB



5C5F66



002CA6



000A26



# Inverse Universe

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



CB8497



FF94B1



BCCB84



665C5F



A6002C

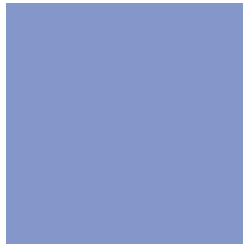


26000A



# Previews

## White Background



This preview shows how the Hex color 8497CB looks on a white background.

## Color Contrast Check

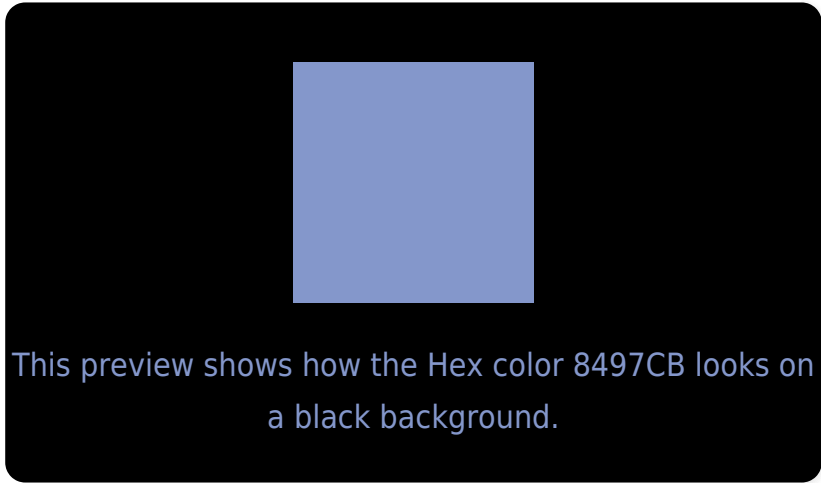
Large Text (above 18pt) WCAG AA × Fail

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

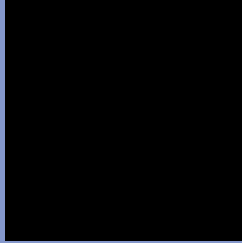
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

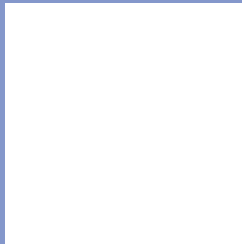
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8497CB Background



This preview shows how black text looks on a background with the Hex color 8497CB.



This preview shows how white text looks on a background with the Hex color 8497CB.

# 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**  
8497CB

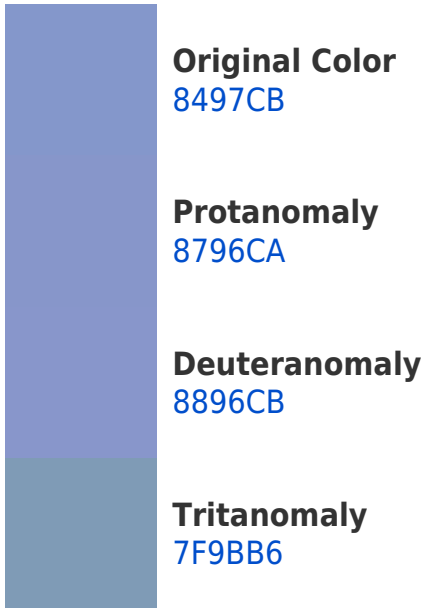
**Protanopia**  
8996CA

**Deuteranopia**  
8A95CB

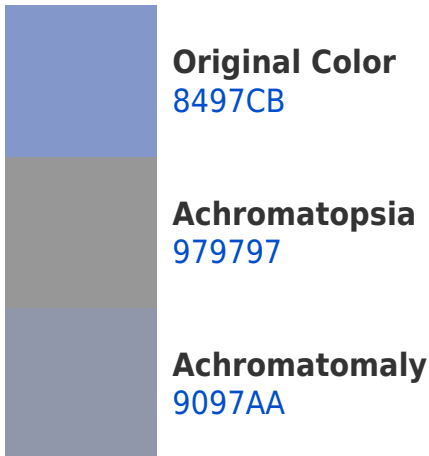


**Tritanopia**  
7C9DAA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8497CB 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 #8497CB looks like.

```
.text, #text, p{  
    color:#8497CB  
}
```

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 #8497CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8497CB  
}
```

## Border

The CSS property to change the border of an element to Hex 8497CB 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  
#8497CB }
```

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

```
.border{ border-color:#8497CB }
```

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

Here you see how a box with a 4 pixel #8497CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8497CB; -webkit-box-shadow:4px 4px  
4px 4px #8497CB; box-shadow:4px 4px 4px  
4px #8497CB }
```

# Background

The CSS property to change the background color of an element to Hex 8497CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8497CB }
```

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

```
.background{ background-color:#8497CB }
```

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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