

Converting Colors

Hex(8496C2)

Have a look what the booklet for
Hex(8496C2) contains.

Hex(8496C2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(8496C2)

Conversions

Conversions Part 1

Format	Color
Hex	8496C2
RGB	132, 150, 194
RGB Percent	52%, 59%, 76%
CMY	0.4824, 0.4118, 0.2392
CMYK	0.32, 0.23, 0.00, 0.24
HSL	223°, 34%, 64%
HSV	223°, 32%, 76%
XYZ	30.1597, 30.6133, 55.3583
YIQ	149.6340, -24.8520, 9.8680

Conversions

Conversions Part 2

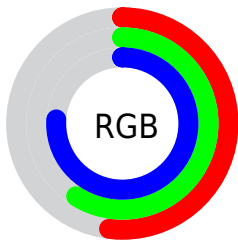
Format	Color
R_{YB}	132, 146, 194
Decimal	8689346
CIE _{Lab}	62.18, 4.05, -24.83
CIE _{LCh}	62, 25.162, 279.270
Yxy	30.6133, 0.2597, 0.2636
Android (android.graphics.Color)	4286879426 (0xFF8496C2)
YUV	149.6340, 21.8724, -15.4650
Hunter-Lab	55.3293, 0.4732, -20.5906

Details

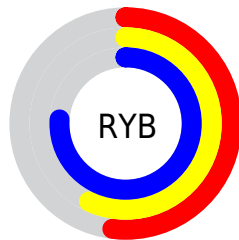
The Hex color **8496C2** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C2B084**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **BACCFB**, and **50638C** is the 20% darker color. If you saturate the color by 10%, you get **7188C2**, and if you desaturate by 10%, it is **97A4C2**.

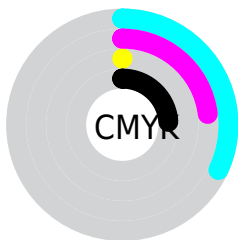
Distribution



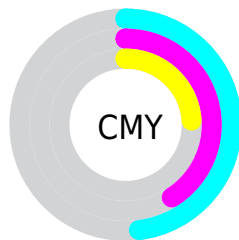
- Red (52%)
- Green (59%)
- Blue (76%)



- Red (52%)
- Yellow (57%)
- Blue (76%)



- Cyan (32%)
- Magenta (23%)
- Yellow (0%)
- Black (24%)



- Cyan (48%)
- Magenta (41%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8496C2 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 8496C2 by changing the saturation by 10% instead.



8496C2



8496C2

FFFFFF



6A7CA7



BACCFB



50638C



D7E8FF



374C73



F3FFFF



1E355A



002042



00082C



000117



000000



8496C2



8496C2

■ 7188C2

■ 97A4C2

■ 5D7AC2

■ ABB2C2

■ 4A6DC2

■ BEBFC2

■ 365FC2

■ D2CDC2

■ 2351C2

■ E5DBC2

■ 1043C2

■ F8E9C2

■ 0038C2

■ FFF6C2

■ FFFFC2

Harmonies

Analogous

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



659DBF



8496C2



A28EB9

Triad

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



8496C2



C1897B



6DA186

Complementary

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



8496C2



C2B084

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.



879D73



8496C2



B4906D

Square

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



8496C2



C38690



9F976A



58A39D

Rectangle

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



8496C2



B28AAD



9F976A



75A07F

Sweetspot

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



8496C2



E3EBFC



84C2AF



707580



000000



808080

Same Dimension

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



8496C2



9DB8FC



9084C2



575A61



002FA1



000A21

Inverse Universe

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



C28496



FC9DB8



B6C284



61575A



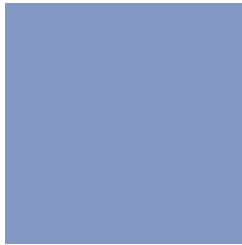
A1002F



21000A

Previews

White Background



This preview shows how the Hex color 8496C2 looks on a white background.

Color Contrast Check

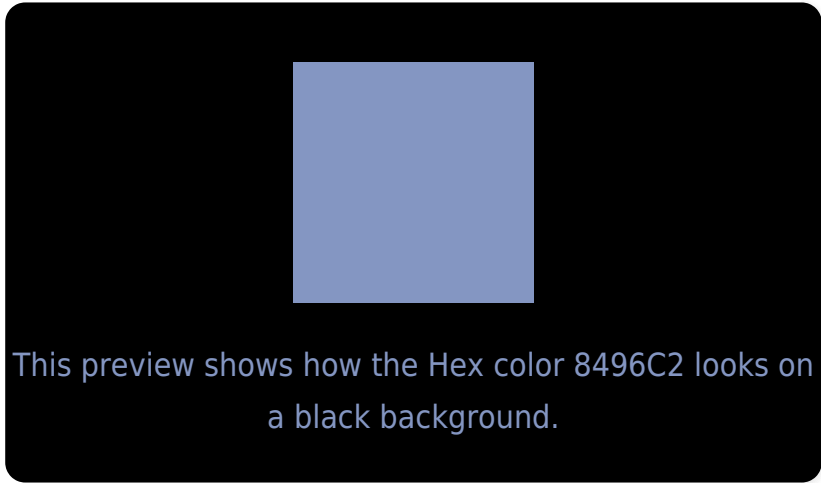
Large Text (above 18pt) WCAG AA × Fail

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

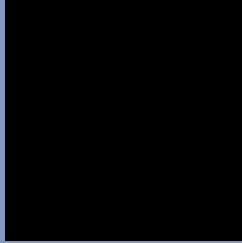
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

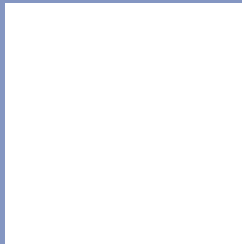
Any Text WCAG AAA ✓ Pass

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

Hex 8496C2 Background



This preview shows how black text looks on a background with the Hex color 8496C2.



This preview shows how white text looks on a background with the Hex color 8496C2.

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
8496C2

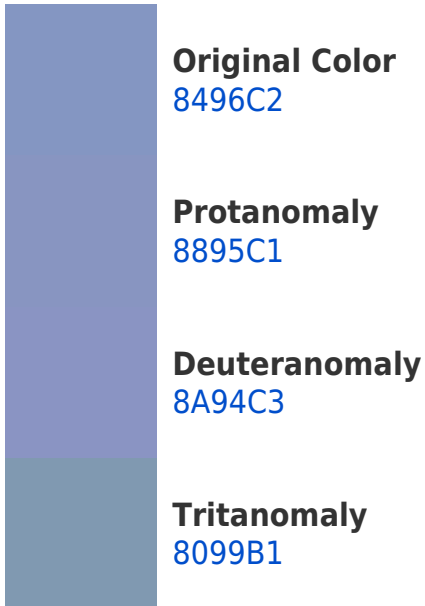
Protanopia
8B94C1

Deuteranopia
8D93C3

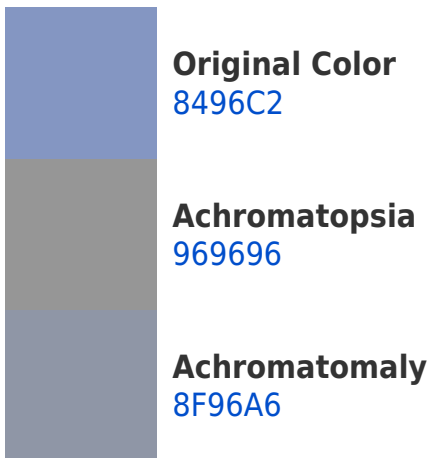


Tritanopia
7E9BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8496C2 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 #8496C2 looks like.

```
.text, #text, p{  
    color:#8496C2  
}
```

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 #8496C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8496C2
}
```

Border

The CSS property to change the border of an element to Hex 8496C2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

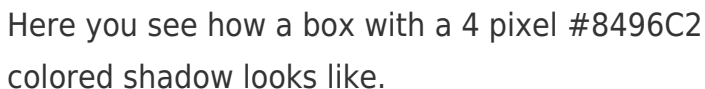
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8496C2 }
```

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

```
.border{ border-color:#8496C2 }
```

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



Here you see how a box with a 4 pixel #8496C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8496C2; -webkit-box-shadow:4px 4px  
4px 4px #8496C2; box-shadow:4px 4px 4px  
4px #8496C2 }
```

Background

The CSS property to change the background color of an element to Hex 8496C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8496C2 }
```

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

```
.background{ background-color:#8496C2 }
```

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