

# Converting Colors

Hex(8493B4)

Have a look what the booklet for  
Hex(8493B4) contains.

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# **Color**

**Hex(8493B4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8493B4
RGB	132, 147, 180
RGB Percent	52%, 58%, 71%
CMY	0.4824, 0.4235, 0.2941
CMYK	0.27, 0.18, 0.00, 0.29
HSL	221°, 24%, 61%
HSV	221°, 27%, 71%
XYZ	28.1877, 29.0683, 47.3051
YIQ	146.2770, -19.5330, 7.0830

# Conversions

## Conversions Part 2

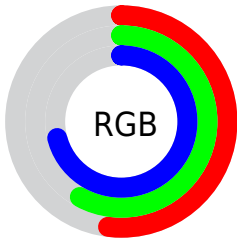
<b>Format</b>	<b>Color</b>
<b>RYB</b>	132, 143, 180
Decimal	8688564
CIELab	60.84, 2.22, -18.99
CIElCh	61, 19.120, 276.666
Yxy	29.0683, 0.2696, 0.2780
Android (android.graphics.Color)	4286878644 (0xFF8493B4)
YUV	146.2770, 16.6254, -12.5209
Hunter-Lab	53.9150, -1.0284, -14.2807

# Details

The Hex color **8493B4** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **B4A584**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **BAC9EC**, and **51617F** is the 20% darker color. If you saturate the color by 10%, you get **7287B4**, and if you desaturate by 10%, it is **969FB4**.

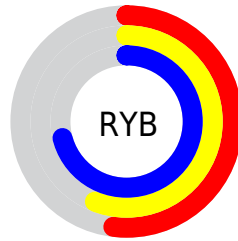
# Distribution



Red (52%)

Green (58%)

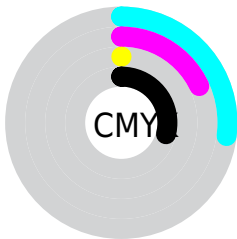
Blue (71%)



Red (52%)

Yellow (56%)

Blue (71%)

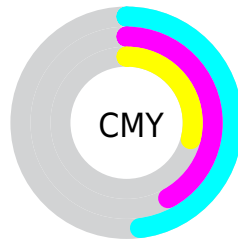


Cyan (27%)

Magenta (18%)

Yellow (0%)

Black (29%)



Cyan (48%)

Magenta (42%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8493B4 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 8493B4 by changing the saturation by 10% instead.





8493B4



8493B4

FFFFFF



6A7999



BAC9EC



51617F



D6E5FF



394966



F2FFFF



21334E



081E37



000322



000008



000000



8493B4



8493B4

7287B4

969FB4

607AB4

A8ACB4

4E6EB4

BAB8B4

3C62B4

CCC4B4

2A55B4

DED1B4

1849B4

F0DDB4

063CB4

FFEAB4

0038B4

FFF6B4

FFFFB4

# Harmonies

## Analogous

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



6F98B1



8493B4



9A8DAE

# Triad

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



8493B4



B4897F



769B85

# Complementary

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



8493B4



B4A584

# 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.



899877



8493B4



AB8D74

# Square

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



8493B4



B58790



9C9371



689D96

# Rectangle

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



8493B4



A78AA6



9C9371



7C9A80



# Sweetspot

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



8493B4



D8DEEB



84B4A5



6A6D75



F5F5F5



757575



# Same Dimension

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



8493B4



A0B7EB



8D84B4



505359



003099



00081A



# Inverse Universe

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



B48493



EBA0B7



ABB484



595053



990030

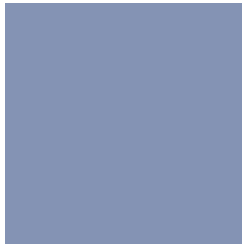


1A0008



# Previews

## White Background



This preview shows how the Hex color 8493B4 looks on a white background.

## Color Contrast Check

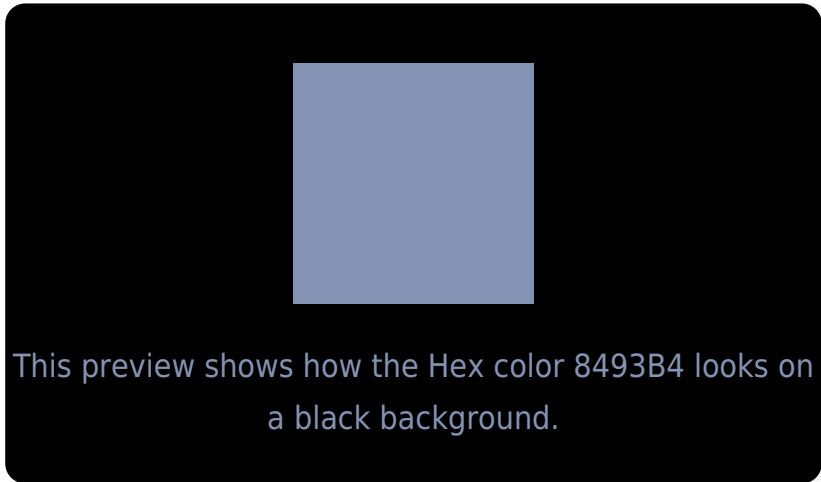
Large Text (above 18pt) WCAG AA ✓ Pass

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

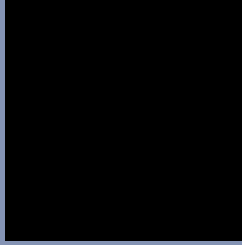
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

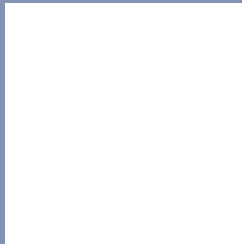
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8493B4 Background



This preview shows how black text looks on a background with the Hex color 8493B4.

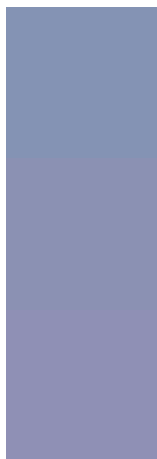


This preview shows how white text looks on a background with the Hex color 8493B4.

# 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**

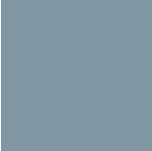
8493B4

**Protanopia**

8B91B3

**Deuteranopia**

8F90B5



**Tritanopia**  
8096A2

# Trichromacy



**Original Color**  
8493B4

**Protanomaly**  
8892B3

**Deuteranomaly**  
8B91B5

**Tritanomaly**  
8195A9

# Monochromacy



**Original Color**  
8493B4

**Achromatopsia**  
929292

**Achromatomaly**  
8D929E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8493B4 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 #8493B4 looks like.

```
.text, #text, p{  
    color:#8493B4  
}
```

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 #8493B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8493B4
}
```

## Border

The CSS property to change the border of an element to Hex 8493B4 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
#8493B4 }
```

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

```
.border{ border-color:#8493B4 }
```

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

Here you see how a box with a 4 pixel #8493B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8493B4; -webkit-box-shadow:4px 4px  
4px 4px #8493B4; box-shadow:4px 4px 4px  
4px #8493B4 }
```

# Background

The CSS property to change the background color of an element to Hex 8493B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8493B4 }
```

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

```
.background{ background-color:#8493B4 }
```

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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