

# Converting Colors

Hex(8690C4)

Have a look what the booklet for  
Hex(8690C4) contains.

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# **Color**

**Hex(8690C4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8690C4
RGB	134, 144, 196
RGB Percent	53%, 56%, 77%
CMY	0.4745, 0.4353, 0.2314
CMYK	0.32, 0.27, 0.00, 0.23
HSL	230°, 34%, 65%
HSV	230°, 32%, 77%
XYZ	29.7686, 29.0004, 56.2532
YIQ	146.9380, -22.6520, 14.0520

# Conversions

## Conversions Part 2

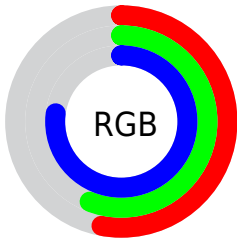
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">134, 143, 196</a>
Decimal	<a href="#">8818884</a>
CIELab	<a href="#">60.78, 8.60, -28.10</a>
CIELCh	<a href="#">61, 29.385, 287.014</a>
Yxy	<a href="#">29.0004, 0.2588, 0.2521</a>
Android (android.graphics.Color)	<a href="#">4287008964</a> (0xFF8690C4)
YUV	<a href="#">146.9380, 24.1876, -11.3466</a>
Hunter-Lab	<a href="#">53.8520, 4.4312, -24.2373</a>

# Details

The Hex color **8690C4** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C4BA86**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **BDC6FD**, and **525E8E** is the 20% darker color. If you saturate the color by 10%, you get **7280C4**, and if you desaturate by 10%, it is **9AA0C4**.

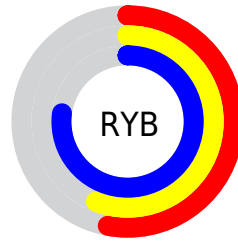
# Distribution



Red (53%)

Green (56%)

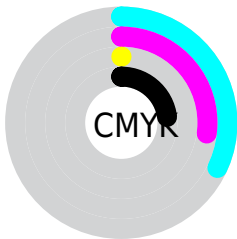
Blue (77%)



Red (53%)

Yellow (56%)

Blue (77%)

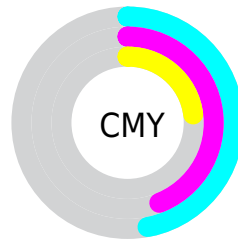


Cyan (32%)

Magenta (27%)

Yellow (0%)

Black (23%)



Cyan (47%)

Magenta (44%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8690C4 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 8690C4 by changing the saturation by 10% instead.





8690C4



8690C4

FFFFFF



6C76A9



BDC6FD



525E8E



D9E2FF



394674



F6FEFF



1F305B



011C44



00002D



000118



000000



8690C4



8690C4

7280C4

9AA0C4

5F6FC4

ADB1C4

4B5FC4

C1C1C4

384EC4

D4D2C4

243EC4

E8E2C4

102DC4

FCF3C4

0020C4

FFFFC4

# Harmonies

## Analogous

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



5E98C5



8690C4



A887B6

# Triad

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



8690C4



C0856E



59A086

# Complementary

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



8690C4



C4BA86

# 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.



789C6E



8690C4



AF8D60

# Square

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



8690C4



C67F85



959660



3EA1A1

# Rectangle

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



8690C4



B982A7



959660



639F7E



# Sweetspot

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



8690C4



E8ECFF



86C4BA



717480



000000



808080



# Same Dimension

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



8690C4



9EAEFF



9B86C4



575961



001AA1



000521



# Inverse Universe

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



C48690



FF9EAE



AFC486



615759



A1001A

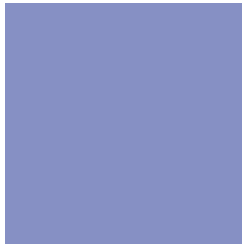


210005



# Previews

## White Background



This preview shows how the Hex color 8690C4 looks on a white background.

## Color Contrast Check

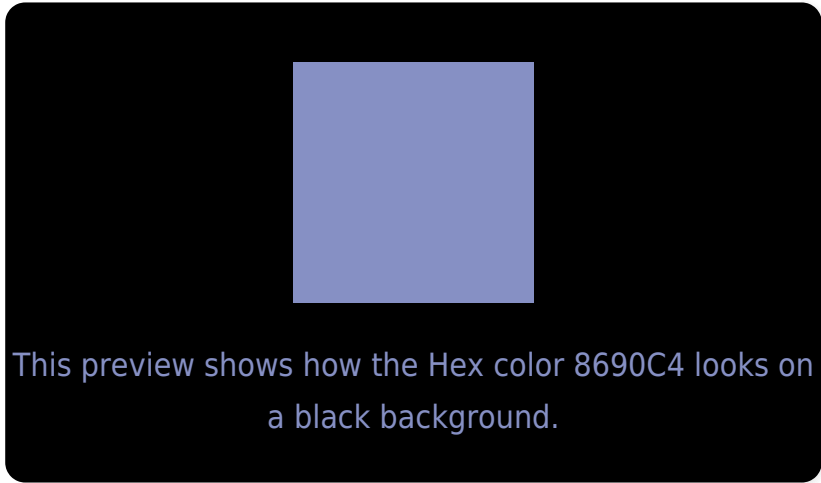
Large Text (above 18pt) WCAG AA ✓ Pass

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

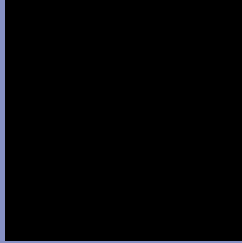
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8690C4 Background



This preview shows how black text looks on a background with the Hex color 8690C4.



This preview shows how white text looks on a background with the Hex color 8690C4.

# 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**  
8690C4

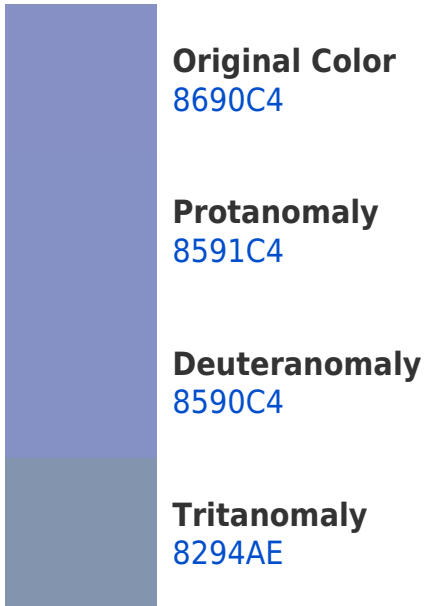
**Protanopia**  
8491C4

**Deuteranopia**  
8590C4

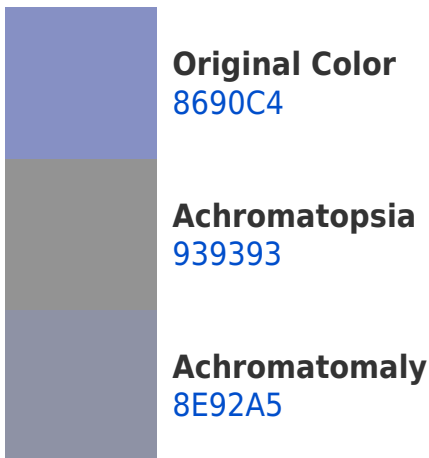


**Tritanopia**  
7F96A2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8690C4 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 #8690C4 looks like.

```
.text, #text, p{  
    color:#8690C4  
}
```

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 #8690C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8690C4
}
```

## Border

The CSS property to change the border of an element to Hex 8690C4 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
#8690C4 }
```

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

```
.border{ border-color:#8690C4 }
```

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

Here you see how a box with a 4 pixel #8690C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8690C4; -webkit-box-shadow:4px 4px  
4px 4px #8690C4; box-shadow:4px 4px 4px  
4px #8690C4 }
```

# Background

The CSS property to change the background color of an element to Hex 8690C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8690C4 }
```

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

```
.background{ background-color:#8690C4 }
```

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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