

# Converting Colors

Hex(8F90C7)

Have a look what the booklet for  
Hex(8F90C7) contains.

<b>Hex(8F90C7)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(8F90C7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8F90C7
RGB	143, 144, 199
RGB Percent	56%, 56%, 78%
CMY	0.4392, 0.4353, 0.2196
CMYK	0.28, 0.28, 0.00, 0.22
HSL	239°, 33%, 67%
HSV	239°, 28%, 78%
XYZ	31.6098, 29.9097, 58.1400
YIQ	149.9710, -18.2510, 16.8930

# Conversions

## Conversions Part 2

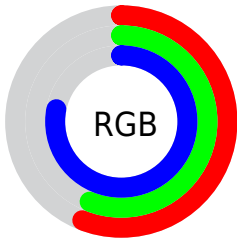
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">143, 144, 199</a>
Decimal	<a href="#">9408711</a>
CIELab	<a href="#">61.58, 12.04, -28.50</a>
CIELCh	<a href="#">62, 30.941, 292.891</a>
Yxy	<a href="#">29.9097, 0.2642, 0.2500</a>
Android (android.graphics.Color)	<a href="#">4287598791</a> ( <a href="#">0xFF8F90C7</a> )
YUV	<a href="#">149.9710, 24.1713, -6.1136</a>
Hunter-Lab	<a href="#">54.6897, 7.4630, -24.7476</a>

# Details

The Hex color **8F90C7** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C7C68F**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **C6C6FF**, and **5B5E91** is the 20% darker color. If you saturate the color by 10%, you get **7B7CC7**, and if you desaturate by 10%, it is **A3A4C7**.

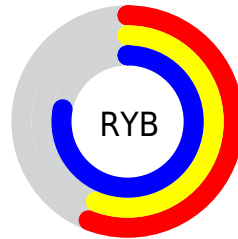
# Distribution



Red (56%)

Green (56%)

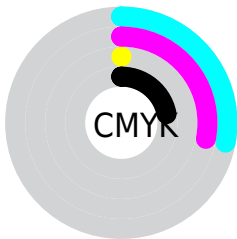
Blue (78%)



Red (56%)

Yellow (56%)

Blue (78%)

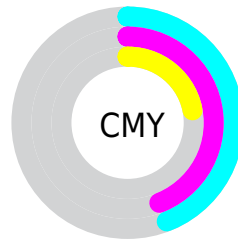


Cyan (28%)

Magenta (28%)

Yellow (0%)

Black (22%)



Cyan (44%)

Magenta (44%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8F90C7 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 8F90C7 by changing the saturation by 10% instead.





8F90C7



8F90C7

FFFFFF



7576AC



C6C6FF



5B5E91



E2E2FF



424677

FFFEFF



29305E



0F1B46



000030



00011A



000000



8F90C7



8F90C7

 7B7CC7

 A3A4C7

 6769C7

 B7B7C7

 5355C7

 CBCBC7

 3F42C7

 DFDEC7

 2C2EC7

 F3F2C7

 181BC7

 FFFFC7

 0407C7

 0004C7

# Harmonies

## Analogous

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



6499CB



8F90C7



B186B6

# Triad

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



8F90C7



C2876A



51A38D

# Complementary

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



8F90C7



C7C68F

# 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.



72A073



8F90C7



AD915E

# Square

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



8F90C7



CB8181



929A62



35A3A9

# Rectangle

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



8F90C7



C182A6



929A62



5CA284



# Sweetspot

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



8F90C7



EBEBFF



8FC7C5



737380



000000



808080



# Same Dimension

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



8F90C7



A8AAFF



A98FC7



5A5A63



0003A3



000124



# Inverse Universe

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



C78F90



FFA8AA



ADC78F



635A5A



A30003

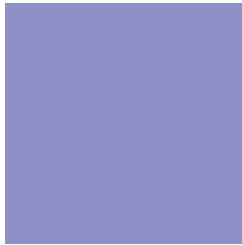


240001



# Previews

## White Background



This preview shows how the Hex color 8F90C7 looks on a white background.

## Color Contrast Check

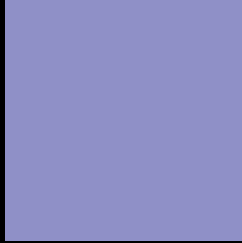
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 8F90C7 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 × Fail

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



## Hex 8F90C7 Background



This preview shows how black text looks on a background with the Hex color 8F90C7.



This preview shows how white text looks on a background with the Hex color 8F90C7.

# 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**  
8F90C7

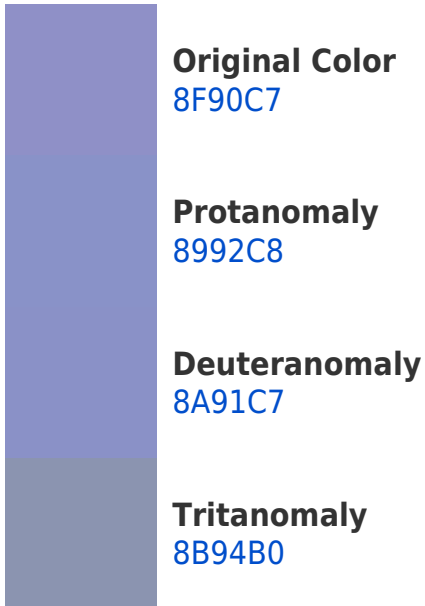
**Protanopia**  
8593C9

**Deuteranopia**  
8792C7

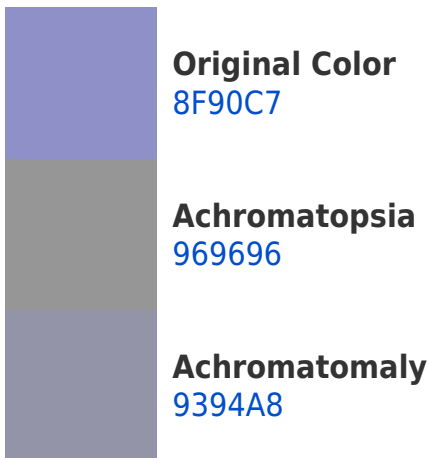


**Tritanopia**  
8897A3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8F90C7 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 #8F90C7 looks like.

```
.text, #text, p{  
    color:#8F90C7  
}
```

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 #8F90C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8F90C7
}
```

## Border

The CSS property to change the border of an element to Hex 8F90C7 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
#8F90C7 }
```

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

```
.border{ border-color:#8F90C7 }
```

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

Here you see how a box with a 4 pixel #8F90C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8F90C7; -webkit-box-shadow:4px 4px  
4px 4px #8F90C7; box-shadow:4px 4px 4px  
4px #8F90C7 }
```

# Background

The CSS property to change the background color of an element to Hex 8F90C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8F90C7 }
```

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

```
.background{ background-color:#8F90C7 }
```

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