

# Converting Colors

Hex(838FC1)

Have a look what the booklet for  
Hex(838FC1) contains.

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# **Color**

**Hex(838FC1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	838FC1
RGB	131, 143, 193
RGB Percent	51%, 56%, 76%
CMY	0.4863, 0.4392, 0.2431
CMYK	0.32, 0.26, 0.00, 0.24
HSL	228°, 33%, 64%
HSV	228°, 32%, 76%
XYZ	28.8082, 28.3205, 54.4001
YIQ	145.1120, -23.2020, 13.0060

# Conversions

## Conversions Part 2

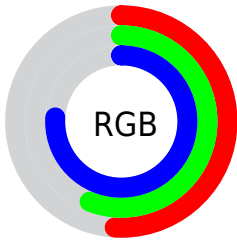
<b>Format</b>	<b>Color</b>
<b>RYB</b>	131, 141, 193
Decimal	8622017
CIELab	60.18, 7.51, -27.36
CIElCh	60, 28.373, 285.356
Yxy	28.3205, 0.2583, 0.2539
Android (android.graphics.Color)	4286812097 (0xFF838FC1)
YUV	145.1120, 23.6088, -12.3762
Hunter-Lab	53.2170, 3.4984, -23.3563

# Details

The Hex color **838FC1** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C1B583**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **B9C5FA**, and **4F5D8B** is the 20% darker color. If you saturate the color by 10%, you get **707FC1**, and if you desaturate by 10%, it is **969FC1**.

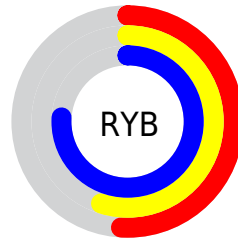
# Distribution



Red (51%)

Green (56%)

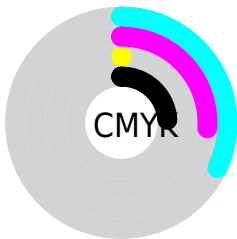
Blue (76%)



Red (51%)

Yellow (55%)

Blue (76%)

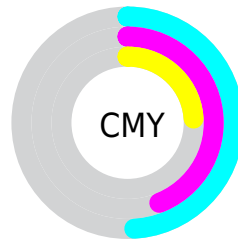


Cyan (32%)

Magenta (26%)

Yellow (0%)

Black (24%)



Cyan (49%)

Magenta (44%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 838FC1 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 838FC1 by changing the saturation by 10% instead.





838FC1



838FC1

FFFFFF



6975A6



B9C5FA



4F5D8B



D6E1FF



364572



F2FDFF



1C2F59



001B41



00002B



000115



000000



838FC1



838FC1

■ 707FC1

■ 969FC1

■ 5C70C1

■ AAAEC1

■ 4960C1

■ BDBEC1

■ 3651C1

■ D0CDC1

■ 2241C1

■ E3DDC1

■ 0F32C1

■ F7ECC1

■ 0025C1

■ FFFCC1

■ FFFFC1

# Harmonies

## Analogous

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



5D97C1



838FC1



A486B4

# Triad

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



838FC1



BE836F



5C9E84

# Complementary

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



838FC1



C1B583

# 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.



799A6D



838FC1



AD8B61

# Square

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



838FC1



C37E85



959460



429F9D

# Rectangle

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



838FC1



B581A6



959460



659D7B



# Sweetspot

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



838FC1



E1E6FA



83C1B5



6E717D



FCFCFC



7D7D7D



# Same Dimension

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



838FC1



98ABFA



9683C1



575961



001FA1



000621



# Inverse Universe

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



C1838F



FA98AB



AEC183



615759



A1001F

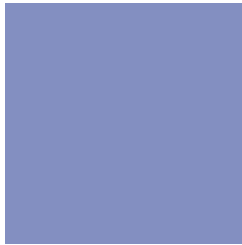


210006



# Previews

## White Background



This preview shows how the Hex color 838FC1 looks on a white background.

## Color Contrast Check

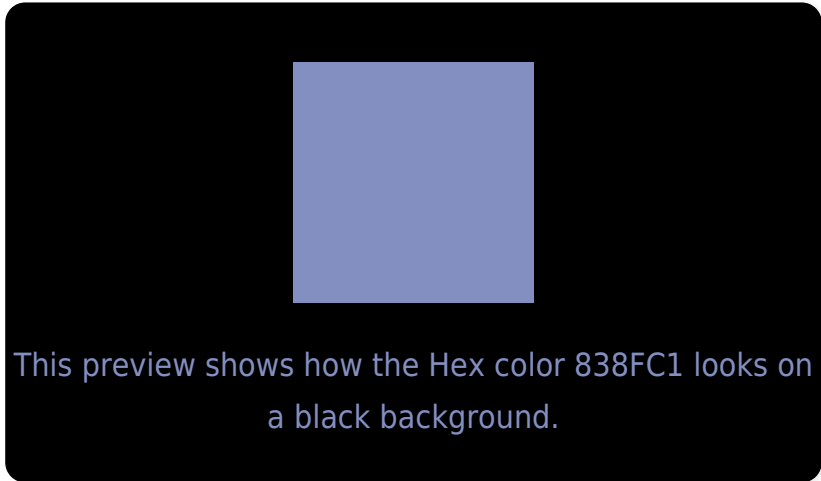
Large Text (above 18pt) WCAG AA ✓ Pass

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

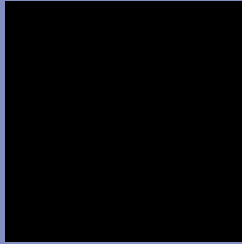
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 838FC1 Background



This preview shows how black text looks on a background with the Hex color 838FC1.



This preview shows how white text looks on a background with the Hex color 838FC1.

# 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**  
838FC1

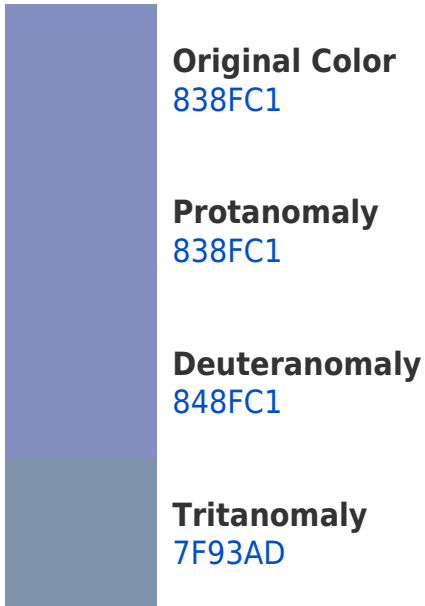
**Protanopia**  
838FC1

**Deuteranopia**  
848FC1

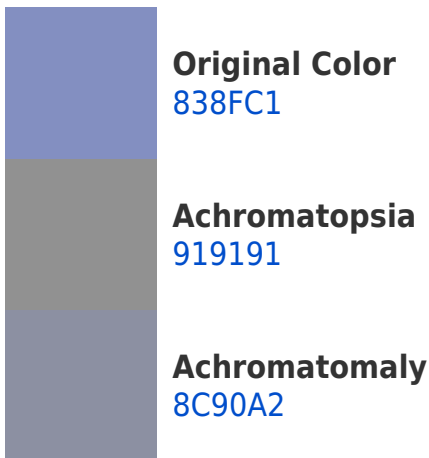


**Tritanopia**  
7C95A1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 838FC1 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 #838FC1 looks like.

```
.text, #text, p{  
    color:#838FC1  
}
```

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 #838FC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #838FC1  
}
```

## Border

The CSS property to change the border of an element to Hex 838FC1 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  
#838FC1 }
```

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

```
.border{ border-color:#838FC1 }
```

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

Here you see how a box with a 4 pixel #838FC1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #838FC1; -webkit-box-shadow:4px 4px  
4px 4px #838FC1; box-shadow:4px 4px 4px  
4px #838FC1 }
```

# Background

The CSS property to change the background color of an element to Hex 838FC1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#838FC1 }
```

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

```
.background{ background-color:#838FC1 }
```

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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