

Converting Colors

Hex(5F8FC7)

Have a look what the booklet for
Hex(5F8FC7) contains.

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Color

Hex(5F8FC7)

Conversions

Conversions Part 1

Format	Color
Hex	5F8FC7
RGB	95, 143, 199
RGB Percent	37%, 56%, 78%
CMY	0.6275, 0.4392, 0.2196
CMYK	0.52, 0.28, 0.00, 0.22
HSL	212°, 48%, 58%
HSV	212°, 52%, 78%
XYZ	24.8506, 26.2013, 57.7804
YIQ	135.0320, -46.5840, 7.2400

Conversions

Conversions Part 2

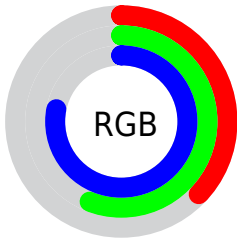
Format	Color
R _Y B	95, 128, 199
Decimal	6262727
CIE _{Lab}	58.23, -0.23, -33.94
CIE _{LCh}	58, 33.943, 269.617
Y _{xy}	26.2013, 0.2283, 0.2407
Android (android.graphics.Color)	4284452807 (0xFF5F8FC7)
Y _{UV}	135.0320, 31.5362, -35.1081
Hunter-Lab	51.1872, -2.9188, -31.0958

Details

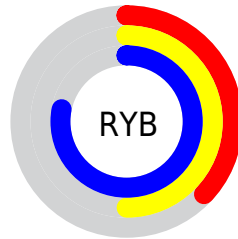
The Hex color **5F8FC7** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **C7975F**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **97C5FF**, and **225D91** is the 20% darker color. If you saturate the color by 10%, you get **4B84C7**, and if you desaturate by 10%, it is **739AC7**.

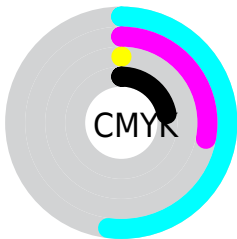
Distribution



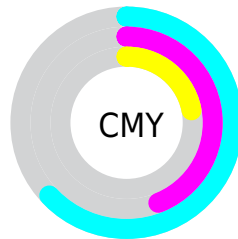
- Red (37%)
- Green (56%)
- Blue (78%)



- Red (37%)
- Yellow (50%)
- Blue (78%)



- Cyan (52%)
- Magenta (28%)
- Yellow (0%)
- Black (22%)



- Cyan (63%)
- Magenta (44%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F8FC7 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 5F8FC7 by changing the saturation by 10% instead.

■ 5F8FC7

■ 5F8FC7

FFFFFF

■ 4276AC

■ 97C5FF

■ 225D91

■ B4E0FF

■ 004677

■ D0FDFF

■ 00305E

■ EEEFFF

■ 001B46

■ 00042F

■ 00011A

■ 000000

■ 5F8FC7

■ 5F8FC7

■ 4B84C7

■ 739AC7

■ 377AC7

■ 87A4C7

■ 236FC7

■ 9BAFC7

■ 0F64C7

■ AFBAC7

■ 005CC7

■ C3C5C7

■ D6CFC7

■ EADAC7

■ FEE5C7

■ FFEFC7

Harmonies

Analogous

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



2497BE



5F8FC7



8F84C0

Triad

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



5F8FC7



C57770



5D996D

Complementary

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



5F8FC7



C7975F

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.



819357



5F8FC7



B7805A

Square

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



5F8FC7



C3758E



A08A50



329C8B

Rectangle

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



5F8FC7



A77DB3



A08A50



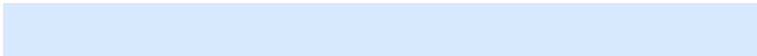
6A9764

Sweetspot

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



5F8FC7



D6E9FF



5FC796



677280



000000



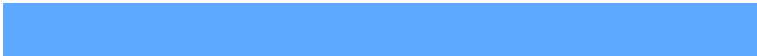
808080

Same Dimension

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



5F8FC7



5EA8FF



625FC7



5A5E63



004BA3



001024

Inverse Universe

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



C75F8F



FF5EA8



C4C75F



635A5E



A3004B



240010

Previews

White Background



This preview shows how the Hex color 5F8FC7 looks on a white background.

Color Contrast Check

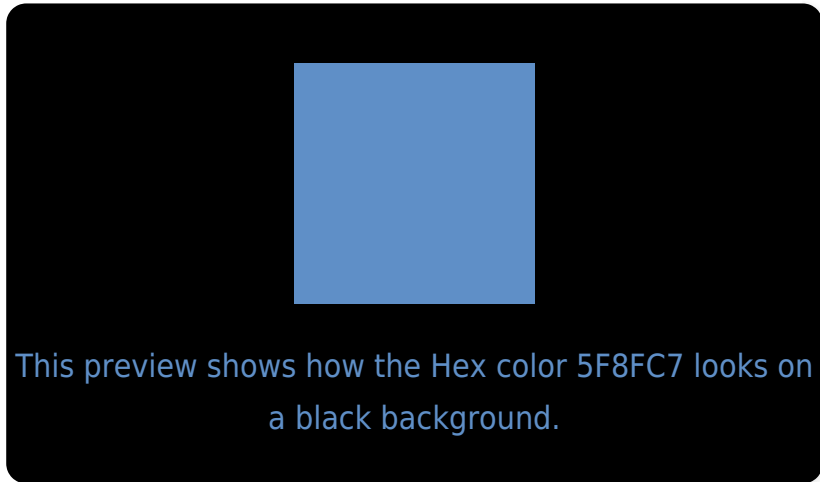
Large Text (above 18pt) WCAG AA ✓ Pass

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

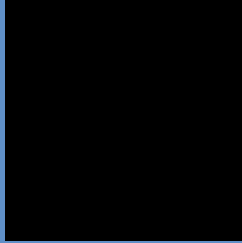
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

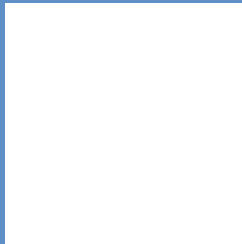
Any Text WCAG AAA × Fail

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

Hex 5F8FC7 Background



This preview shows how black text looks on a background with the Hex color 5F8FC7.

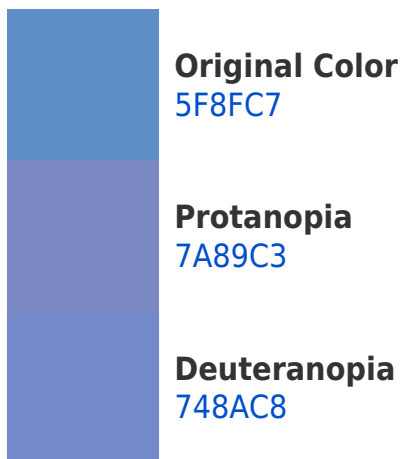


This preview shows how white text looks on a background with the Hex color 5F8FC7.

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](#).

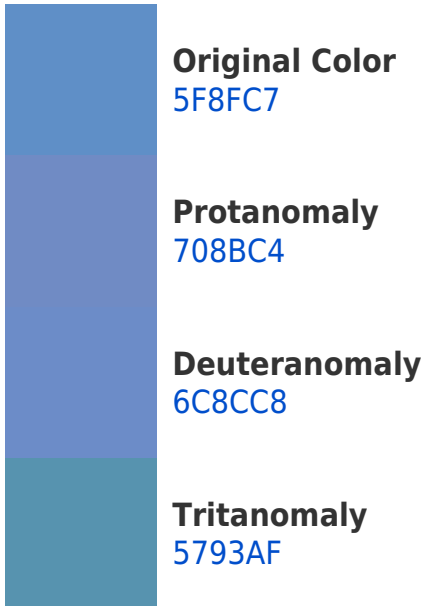
Dichromacy





Tritanopia
5296A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5F8FC7 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 #5F8FC7 looks like.

```
.text, #text, p{  
    color:#5F8FC7  
}
```

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 #5F8FC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F8FC7
}
```

Border

The CSS property to change the border of an element to Hex 5F8FC7 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
#5F8FC7 }
```

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

```
.border{ border-color:#5F8FC7 }
```

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

Here you see how a box with a 4 pixel #5F8FC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F8FC7; -webkit-box-shadow:4px 4px  
4px 4px #5F8FC7; box-shadow:4px 4px 4px  
4px #5F8FC7 }
```

Background

The CSS property to change the background color of an element to Hex 5F8FC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F8FC7 }
```

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

```
.background{ background-color:#5F8FC7 }
```

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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