

Converting Colors

Hex(5F7FA0)

Have a look what the booklet for
Hex(5F7FA0) contains.

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Color

Hex(5F7FA0)

Conversions

Conversions Part 1

Format	Color
Hex	5F7FA0
RGB	95, 127, 160
RGB Percent	37%, 50%, 63%
CMY	0.6275, 0.5020, 0.3725
CMYK	0.41, 0.21, 0.00, 0.37
HSL	210°, 25%, 50%
HSV	210°, 41%, 63%
XYZ	18.6539, 20.1497, 36.1638
YIQ	121.1940, -29.6650, 3.4790

Conversions

Conversions Part 2

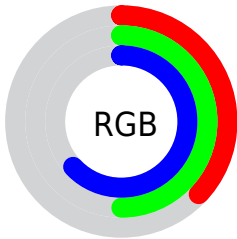
Format	Color
R _Y B	95, 116, 160
Decimal	6258592
CIE Lab	52.01, -2.56, -21.25
CIE LCh	52, 21.408, 263.126
Yxy	20.1497, 0.2488, 0.2688
Android (android.graphics.Color)	4284448672 (0xFF5F7FA0)
YUV	121.1940, 19.1314, -22.9721
Hunter-Lab	44.8884, -4.3772, -16.3444

Details

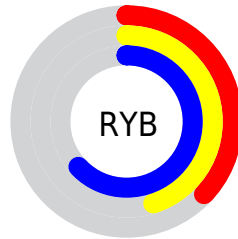
The Hex color **5F7FA0** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **A0805F**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **94B4D7**, and **2C4E6C** is the 20% darker color. If you saturate the color by 10%, you get **4F77A0**, and if you desaturate by 10%, it is **6F87A0**.

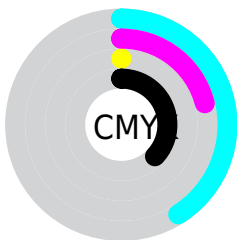
Distribution



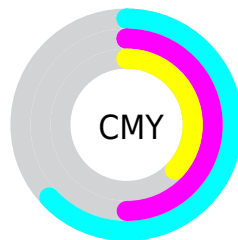
- Red (37%)
- Green (50%)
- Blue (63%)



- Red (37%)
- Yellow (45%)
- Blue (63%)



- Cyan (41%)
- Magenta (21%)
- Yellow (0%)
- Black (37%)



- Cyan (63%)
- Magenta (50%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F7FA0 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 5F7FA0 by changing the saturation by 10% instead.

■ 5F7FA0

■ 5F7FA0

FFFFFF

■ 456686

■ 94B4D7

■ 2C4E6C

■ AFCFF3

■ 0F3754

■ CBEBFF

■ 00223D

■ E8FFFF

■ 000C27

■ 000111

■ 000000

■ 5F7FA0

■ 5F7FA0

■ 4F77A0

■ 6F87A0

■ 3F6FA0

■ 7F8FA0

■ 2F67A0

■ 8F97A0

■ 1F5FA0

■ 9F9FA0

■ 0F56A0

■ AFA8A0

■ 004FA0

■ BFB0A0

■ CFB8A0

■ DFC0A0

■ EFC8A0

Harmonies

Analogous

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



4A8499



5F7FA0



79799E

Triad

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



5F7FA0



A16F6E



658466

Complementary

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



5F7FA0



A0805F

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.



7A7F5A



5F7FA0



9B735F

Square

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



5F7FA0



9D6F81



8D7958



518677

Rectangle

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



5F7FA0



897597



8D7958



6C8261

Sweetspot

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



5F7FA0



B8C4D1



5FA080



5A6169



E8E8E8



696969

Same Dimension

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



5F7FA0



6B9DD1



5F5FA0



474B4F



00468F



00080F

Inverse Universe

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



A05F7F



D16B9D



A0A05F



4F474B



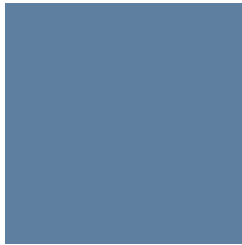
8F0046



0F0008

Previews

White Background



This preview shows how the Hex color 5F7FA0 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

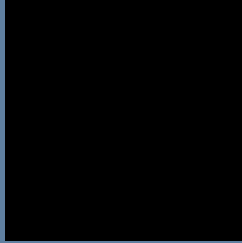
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

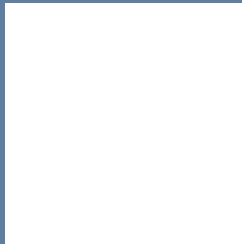
Any Text WCAG AAA × Fail

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

Hex 5F7FA0 Background



This preview shows how black text looks on a background with the Hex color 5F7FA0.

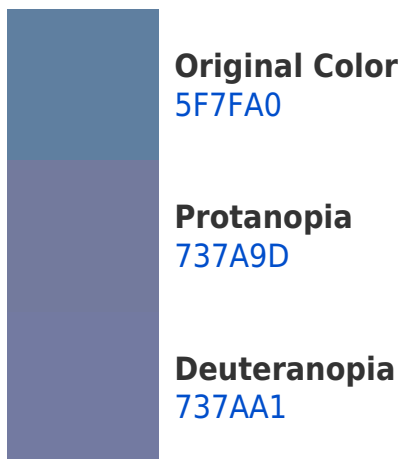



This preview shows how white text looks on a background with the Hex color 5F7FA0.

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](#).

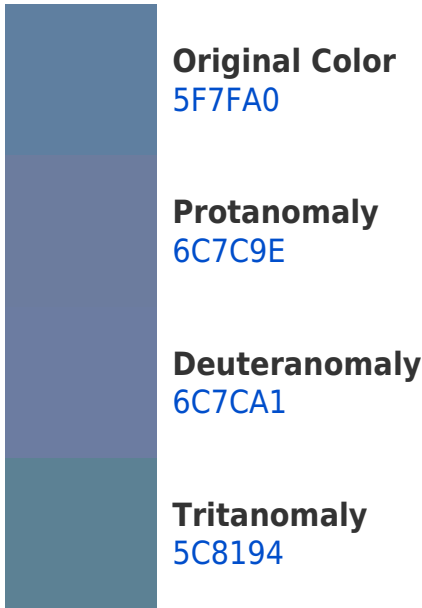
Dichromacy





Tritanopia
5A828D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5F7FA0 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 #5F7FA0 looks like.

```
.text, #text, p{  
    color:#5F7FA0  
}
```

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 #5F7FA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F7FA0  
}
```

Border

The CSS property to change the border of an element to Hex 5F7FA0 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  
#5F7FA0 }
```

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

```
.border{ border-color:#5F7FA0 }
```

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

Here you see how a box with a 4 pixel #5F7FA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F7FA0; -webkit-box-shadow:4px 4px  
4px 4px #5F7FA0; box-shadow:4px 4px 4px  
4px #5F7FA0 }
```

Background

The CSS property to change the background color of an element to Hex 5F7FA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F7FA0 }
```

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

```
.background{ background-color:#5F7FA0 }
```

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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