

Converting Colors

Hex(5F74BD)

Have a look what the booklet for
Hex(5F74BD) contains.

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Color

Hex(5F74BD)

Conversions

Conversions Part 1

Format	Color
Hex	5F74BD
RGB	95, 116, 189
RGB Percent	37%, 45%, 74%
CMY	0.6275, 0.5451, 0.2588
CMYK	0.50, 0.39, 0.00, 0.26
HSL	227°, 42%, 56%
HSV	227°, 50%, 74%
XYZ	20.1500, 18.5978, 50.6718
YIQ	118.0430, -35.9490, 18.2510

Conversions

Conversions Part 2

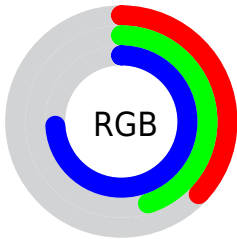
Format	Color
R_{YB}	95, 112, 189
Decimal	6255805
CIE _{Lab}	50.21, 12.73, -40.83
CIE _{LCh}	50, 42.767, 287.324
Yxy	18.5978, 0.2253, 0.2080
Android (android.graphics.Color)	4284445885 (0xFF5F74BD)
YUV	118.0430, 34.9818, -20.2087
Hunter-Lab	43.1252, 7.9342, -39.4778

Details

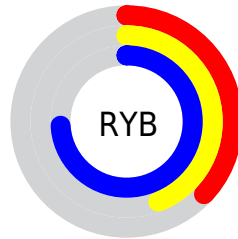
The Hex color **5F74BD** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **BDA85F**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **96A8F6**, and **254487** is the 20% darker color. If you saturate the color by 10%, you get **4C65BD**, and if you desaturate by 10%, it is **7283BD**.

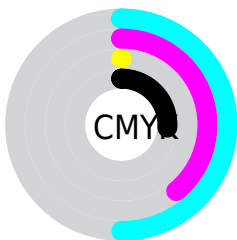
Distribution



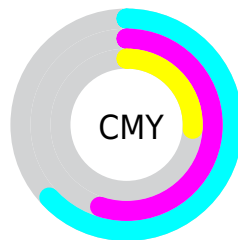
- Red (37%)
- Green (45%)
- Blue (74%)



- Red (37%)
- Yellow (44%)
- Blue (74%)



- Cyan (50%)
- Magenta (39%)
- Yellow (0%)
- Black (26%)



- Cyan (63%)
- Magenta (55%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F74BD 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 5F74BD by changing the saturation by 10% instead.

■ 5F74BD

■ 5F74BD

FFFFFF

■ 435CA2

■ 96A8F6

■ 254487

■ B2C3FF

■ 002E6D

■ CFDFFF

■ 001A55

■ ECFBFF

■ 00003D

■ 000326

■ 00010F

■ 000000

■ 5F74BD

■ 5F74BD

■ 4C65BD

■ 7283BD

■ 3957BD

■ 8591BD

■ 2648BD

■ 98A0BD

■ 1339BD

■ ABAFBD

■ 002BBD

■ BEBDBD

■ 002ABD

■ D0CCBD

■ E3DBBD

■ F6E9BD

■ FFF8BD

Harmonies

Analogous

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



0080BE



5F74BD



9565A9

Triad

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



5F74BD



B16243



008966

Complementary

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



5F74BD



BDA85F

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.



4E8444



5F74BD



99702E

Square

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



5F74BD



BB5964



787C2E



008A8C

Rectangle

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



5F74BD



AB5D94



787C2E



24885A

Sweetspot

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



5F74BD



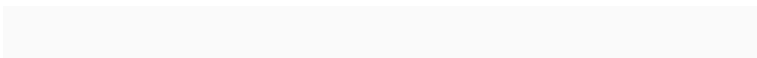
D0D8F5



5FBDA7



64697A



FAFAFA



7A7A7A

Same Dimension

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



5F74BD



6283F5



785FBD



55575E



00239E



00071F

Inverse Universe

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



BD5F74



F56283



A4BD5F



5E5557



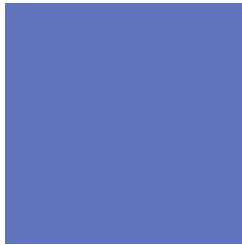
9E0023



1F0007

Previews

White Background



This preview shows how the Hex color 5F74BD looks on a white background.

Color Contrast Check

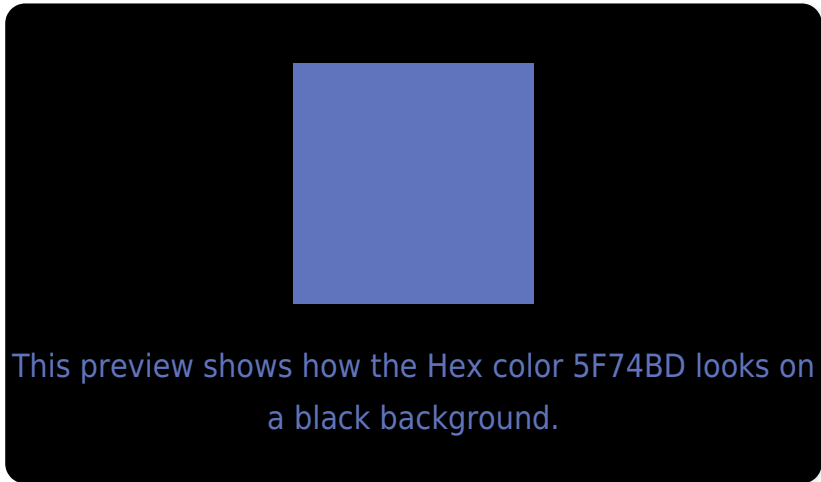
Large Text (above 18pt) WCAG AA ✓ Pass

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

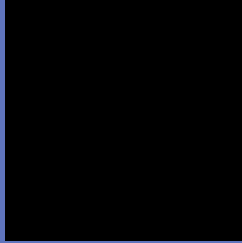
Any Text WCAG AA ✓ Pass

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 5F74BD Background



This preview shows how black text looks on a background with the Hex color 5F74BD.

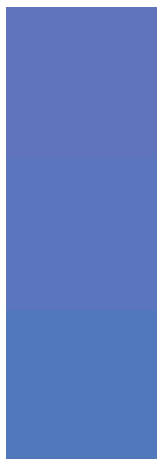


This preview shows how white text looks on a background with the Hex color 5F74BD.

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
5F74BD

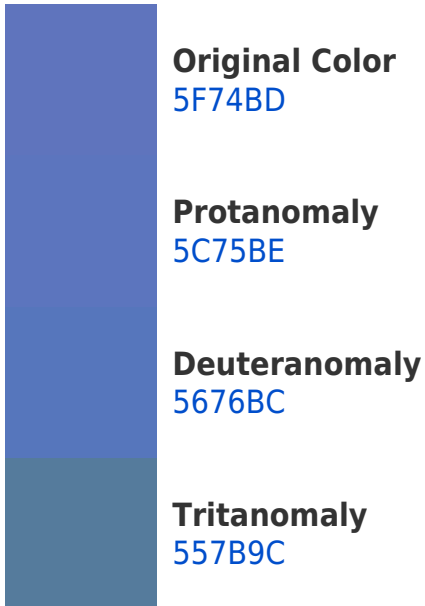
Protanopia
5B75BE

Deuteranopia
5177BC

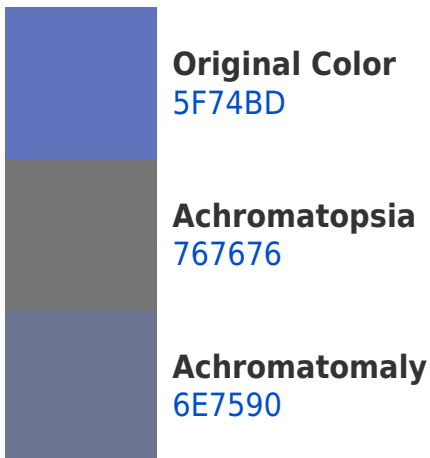


Tritanopia
4F7F89

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5F74BD 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 #5F74BD looks like.

```
.text, #text, p{  
    color:#5F74BD  
}
```

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 #5F74BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F74BD
}
```

Border

The CSS property to change the border of an element to Hex 5F74BD 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".

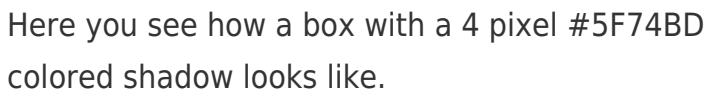
```
.border, #border, table{ border:4px solid
#5F74BD }
```

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

```
.border{ border-color:#5F74BD }
```

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

Here you see how a box with a 4 pixel #5F74BD colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F74BD; -webkit-box-shadow:4px 4px  
4px 4px #5F74BD; box-shadow:4px 4px 4px  
4px #5F74BD }
```

Background

The CSS property to change the background color of an element to Hex 5F74BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F74BD }
```

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

```
.background{ background-color:#5F74BD }
```

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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