

Converting Colors

Hex(5A79DC)

Have a look what the booklet for
Hex(5A79DC) contains.

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Color

Hex(5A79DC)

Conversions

Conversions Part 1

Format	Color
Hex	5A79DC
RGB	90, 121, 220
RGB Percent	35%, 47%, 86%
CMY	0.6471, 0.5255, 0.1373
CMYK	0.59, 0.45, 0.00, 0.14
HSL	226°, 65%, 61%
HSV	226°, 59%, 86%
XYZ	23.9721, 21.0157, 70.5031
YIQ	123.0170, -50.2550, 24.2170

Conversions

Conversions Part 2

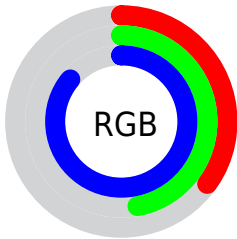
Format	Color
R_{YB}	90, 115, 220
Decimal	5929436
CIE _{Lab}	52.97, 18.64, -54.12
CIE _{LCh}	53, 57.238, 289.002
Yxy	21.0157, 0.2076, 0.1820
Android (android.graphics.Color)	4284119516 (0xFF5A79DC)
YUV	123.0170, 47.8126, -28.9559
Hunter-Lab	45.8429, 13.1158, -59.0938

Details

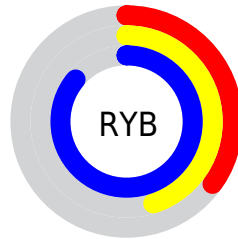
The Hex color **5A79DC** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **DCBD5A**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **95ADFF**, and **0849A4** is the 20% darker color. If you saturate the color by 10%, you get **4468DC**, and if you desaturate by 10%, it is **708ADC**.

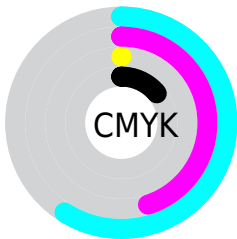
Distribution



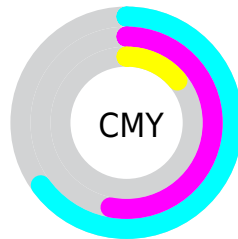
- Red (35%)
- Green (47%)
- Blue (86%)



- Red (35%)
- Yellow (45%)
- Blue (86%)



- Cyan (59%)
- Magenta (45%)
- Yellow (0%)
- Black (14%)



- Cyan (65%)
- Magenta (53%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A79DC 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 5A79DC by changing the saturation by 10% instead.

■ 5A79DC

■ 5A79DC

FFFFFF

■ 3A60C0

■ 95ADFF

■ 0849A4

■ B3C8FF

■ 003389

■ D0E4FF

■ 001F6F

■ EEEFFF

■ 000856

■ 00063E

■ 000327

■ 000111

■ 000000

■ 5A79DC

■ 5A79DC

■ 4468DC

■ 708ADC

■ 2E57DC

■ 869BDC

■ 1847DC

■ 9CABDC

■ 0236DC

■ B2BCDC

■ 0034DC

■ C8CDDC

■ DEDEDC

■ F4EEDC

■ FFFFDC

Harmonies

Analogous

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



0089DF



5A79DC



A863C0

Triad

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



5A79DC



C76135



00946A

Complementary

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



5A79DC



DCBD5A

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.



3C8F39



5A79DC



A67610

Square

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



5A79DC



D75061



798511



00969D

Rectangle

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



5A79DC



C555A3



798511



009359

Sweetspot

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



5A79DC



D1DCFF



5ADCBC



636A80



000000



808080

Same Dimension

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



5A79DC



4A75FF



7B5ADC



63656E



0029AD



000B2E

Inverse Universe

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



DC5A79



FF4A75



BCDC5A



6E6365



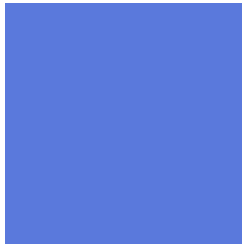
AD0029



2E000B

Previews

White Background



This preview shows how the Hex color 5A79DC looks on a white background.

Color Contrast Check

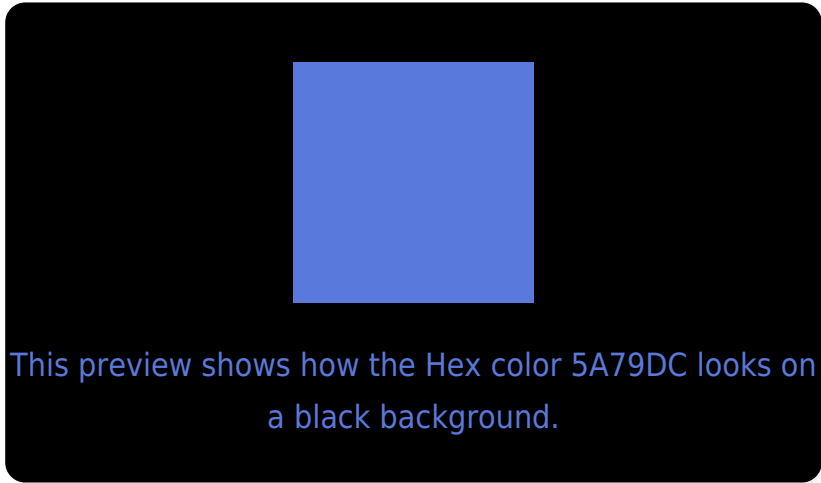
Large Text (above 18pt) WCAG AA ✓ Pass

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

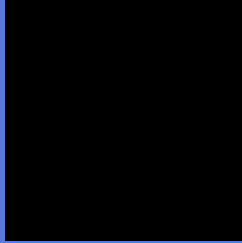
Any Text WCAG AA ✓ Pass

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 5A79DC Background



This preview shows how black text looks on a background with the Hex color 5A79DC.

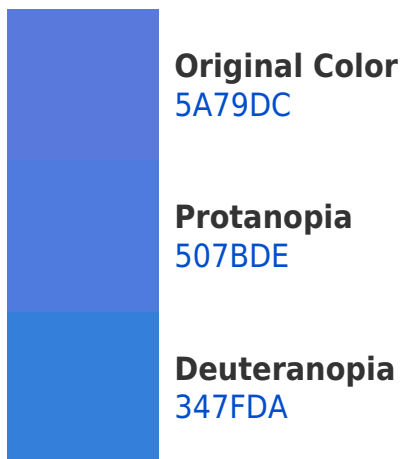


This preview shows how white text looks on a background with the Hex color 5A79DC.

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](#).

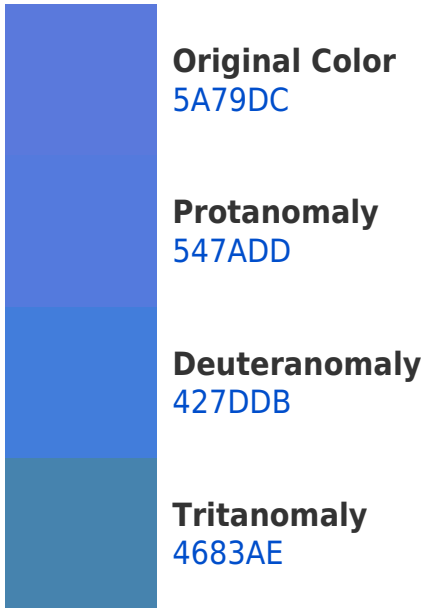
Dichromacy





Tritanopia
3B8994

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5A79DC 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 #5A79DC looks like.

```
.text, #text, p{  
    color:#5A79DC  
}
```

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 #5A79DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A79DC
}
```

Border

The CSS property to change the border of an element to Hex 5A79DC 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
#5A79DC }
```

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

```
.border{ border-color:#5A79DC }
```

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

Here you see how a box with a 4 pixel #5A79DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A79DC; -webkit-box-shadow:4px 4px  
4px 4px #5A79DC; box-shadow:4px 4px 4px  
4px #5A79DC }
```

Background

The CSS property to change the background color of an element to Hex 5A79DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A79DC }
```

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

```
.background{ background-color:#5A79DC }
```

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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