

Converting Colors

Hex(5F79AF)

Have a look what the booklet for
Hex(5F79AF) contains.

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Color

Hex(5F79AF)

Conversions

Conversions Part 1

Format	Color
Hex	5F79AF
RGB	95, 121, 175
RGB Percent	37%, 47%, 69%
CMY	0.6275, 0.5255, 0.3137
CMYK	0.46, 0.31, 0.00, 0.31
HSL	221°, 33%, 53%
HSV	221°, 46%, 69%
XYZ	19.2946, 19.2028, 43.2470
YIQ	119.3820, -32.8300, 11.2820

Conversions

Conversions Part 2

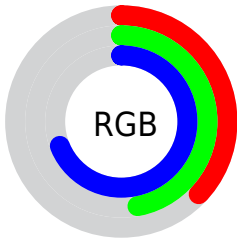
Format	Color
R _Y B	95, 115, 175
Decimal	6257071
CIE Lab	50.92, 5.39, -31.63
CIE LCh	51, 32.086, 279.676
Yxy	19.2028, 0.2360, 0.2349
Android (android.graphics.Color)	4284447151 (0xFF5F79AF)
YUV	119.3820, 27.4197, -21.3830
Hunter-Lab	43.8210, 1.9075, -27.8387

Details

The Hex color **5F79AF** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **AF955F**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **95ADE7**, and **29497A** is the 20% darker color. If you saturate the color by 10%, you get **4E6DAF**, and if you desaturate by 10%, it is **7185AF**.

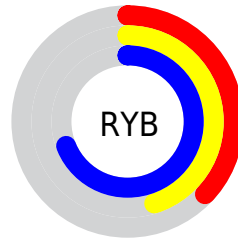
Distribution



Red (37%)

Green (47%)

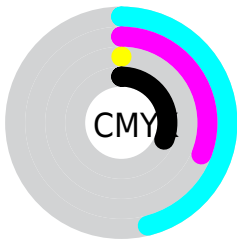
Blue (69%)



Red (37%)

Yellow (45%)

Blue (69%)

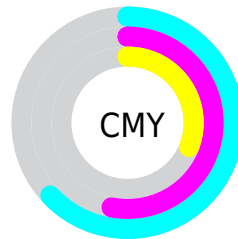


Cyan (46%)

Magenta (31%)

Yellow (0%)

Black (31%)



Cyan (63%)

Magenta (53%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F79AF 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 5F79AF by changing the saturation by 10% instead.

■ 5F79AF

■ 5F79AF

FFFFFF

■ 446094

■ 95ADE7

■ 29497A

■ B1C8FF

■ 053361

■ CDE4FF

■ 001E49

■ EAFFFF

■ 000332

■ 00021C

■ 000000

■ 5F79AF

■ 5F79AF

■ 4E6DAF

■ 7185AF

■ 3C61AF

■ 8291AF

■ 2A56AF

■ 949CAF

■ 194AAF

■ A5A8AF

■ 073EAF

■ B7B4AF

■ 0039AF

■ C8C0AF

■ DACCAF

■ EBD8AF

■ FDE3AF

Harmonies

Analogous

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



2881AC



5F79AF



886FA4

Triad

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



5F79AF



AA6858



418665

Complementary

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



5F79AF



AF955F

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.



64824E



5F79AF



9A7146

Square

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



5F79AF



AE6371



827B42



098882

Rectangle

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



5F79AF



9B6995



827B42



4E855D

Sweetspot

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



5F79AF



C3CEE3



5FAF94



5F6673



F2F2F2



737373

Same Dimension

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



5F79AF



668FE3



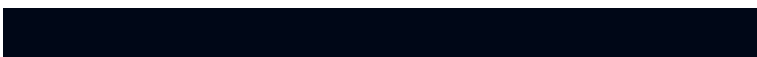
6C5FAF



4E5157



003196



000717

Inverse Universe

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



AF5F79



E3668F



A2AF5F



574E51



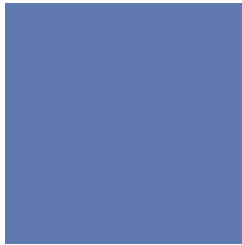
960031



170007

Previews

White Background



This preview shows how the Hex color 5F79AF looks on a white background.

Color Contrast Check

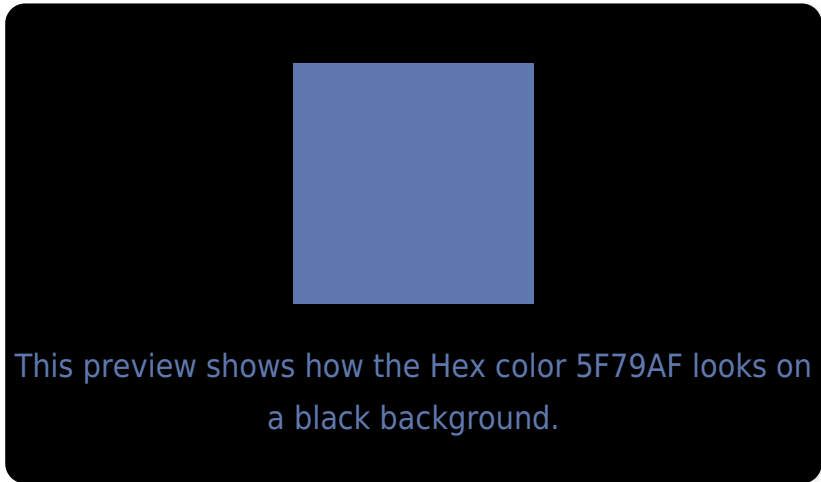
Large Text (above 18pt) WCAG AA ✓ Pass

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

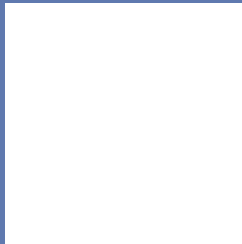
Any Text WCAG AAA × Fail

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

Hex 5F79AF Background



This preview shows how black text looks on a background with the Hex color 5F79AF.

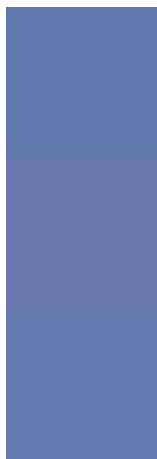


This preview shows how white text looks on a background with the Hex color 5F79AF.

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
5F79AF

Protanopia
6877AD

Deuteranopia
6378AF



Tritanopia
54808A

Trichromacy



Original Color
5F79AF

Protanomaly
6578AE

Deuteranomaly
6278AF

Tritanomaly
587D97

Monochromacy



Original Color
5F79AF

Achromatopsia
777777

Achromatomaly
6E788B

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F79AF 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 #5F79AF looks like.

```
.text, #text, p{  
    color:#5F79AF  
}
```

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 #5F79AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F79AF
}
```

Border

The CSS property to change the border of an element to Hex 5F79AF is called "border". The border property can be set on classes, ids or directly on the HTML element.

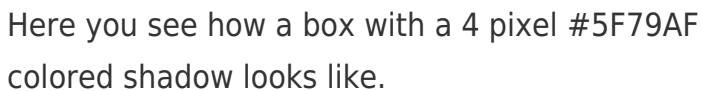
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F79AF }
```

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

```
.border{ border-color:#5F79AF }
```

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



Here you see how a box with a 4 pixel #5F79AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F79AF; -webkit-box-shadow:4px 4px  
4px 4px #5F79AF; box-shadow:4px 4px 4px  
4px #5F79AF }
```

Background

The CSS property to change the background color of an element to Hex 5F79AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F79AF }
```

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

```
.background{ background-color:#5F79AF }
```

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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