

Converting Colors

Hex(5D79C6)

Have a look what the booklet for
Hex(5D79C6) contains.

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Color

Hex(5D79C6)

Conversions

Conversions Part 1

Format	Color
Hex	5D79C6
RGB	93, 121, 198
RGB Percent	36%, 47%, 78%
CMY	0.6353, 0.5255, 0.2235
CMYK	0.53, 0.39, 0.00, 0.22
HSL	224°, 48%, 57%
HSV	224°, 53%, 78%
XYZ	21.5446, 20.0791, 56.1662
YIQ	121.4060, -41.4050, 18.0110

Conversions

Conversions Part 2

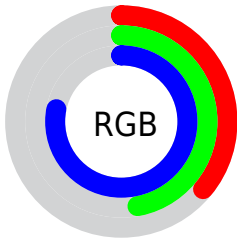
Format	Color
R _Y B	93, 115, 198
Decimal	6126022
CIE Lab	51.93, 12.08, -43.28
CIE LCh	52, 44.937, 285.588
Yxy	20.0791, 0.2203, 0.2053
Android (android.graphics.Color)	4284316102 (0xFF5D79C6)
YUV	121.4060, 37.7608, -24.9121
Hunter-Lab	44.8097, 7.4062, -42.9495

Details

The Hex color **5D79C6** is a dark color, and the websafe version is hex **666699**. The color can be described as middle muted azure. A complement of this color would be **C6AA5D**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **95ADFF**, and **1F4990** is the 20% darker color. If you saturate the color by 10%, you get **496AC6**, and if you desaturate by 10%, it is **7188C6**.

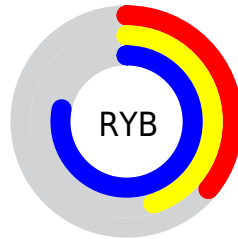
Distribution



Red (36%)

Green (47%)

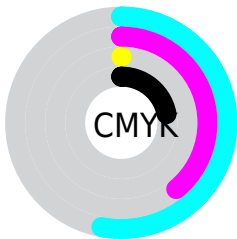
Blue (78%)



Red (36%)

Yellow (45%)

Blue (78%)

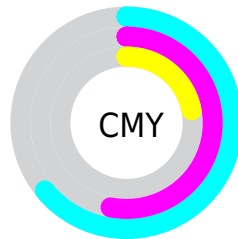


Cyan (53%)

Magenta (39%)

Yellow (0%)

Black (22%)



Cyan (64%)

Magenta (53%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D79C6 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 5D79C6 by changing the saturation by 10% instead.

■ 5D79C6

■ 5D79C6

FFFFFF

■ 4060AA

■ 95ADFF

■ 1F4990

■ B2C8FF

■ 003376

■ CFE4FF

■ 001F5C

■ ECFFFF

■ 000544

■ 00032D

■ 000118

■ 000000

■ 5D79C6

■ 5D79C6

■ 496AC6

■ 7188C6

■ 355CC6

■ 8596C6

■ 224DC6

■ 98A5C6

■ 0E3FC6

■ ACB3C6

■ 0035C6

■ C0C2C6

■ D4D0C6

■ E8DFC6

■ FBEDC6

■ FFFCC6

Harmonies

Analogous

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



0085C6



5D79C6



9869B2

Triad

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



5D79C6



BA6546



008E67

Complementary

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



5D79C6



C6AA5D

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.



528944



5D79C6



A1732F

Square

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



5D79C6



C35B69



7E802D



008F8F

Rectangle

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



5D79C6



B1609C



7E802D



278D5B

Sweetspot

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



5D79C6



D6E1FF



5DC6AA



676E80



000000



808080

Same Dimension

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



5D79C6



5C87FF



765DC6



5A5C63



002CA3



000A24

Inverse Universe

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



C65D79



FF5C87



AEC65D



635A5C



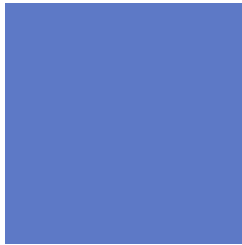
A3002C



24000A

Previews

White Background



This preview shows how the Hex color 5D79C6 looks on a white background.

Color Contrast Check

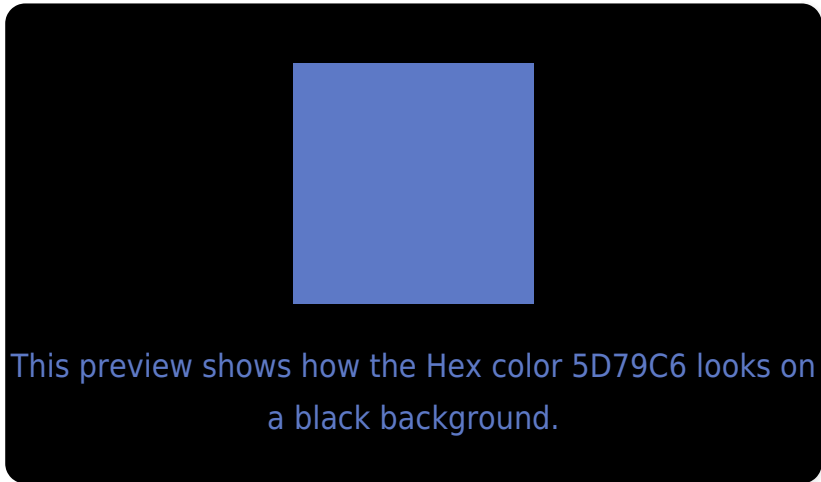
Large Text (above 18pt) WCAG AA ✓ Pass

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

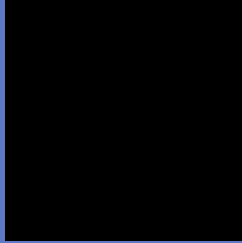
Any Text WCAG AA ✓ Pass

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 5D79C6 Background



This preview shows how black text looks on a background with the Hex color 5D79C6.



This preview shows how white text looks on a background with the Hex color 5D79C6.

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
5D79C6

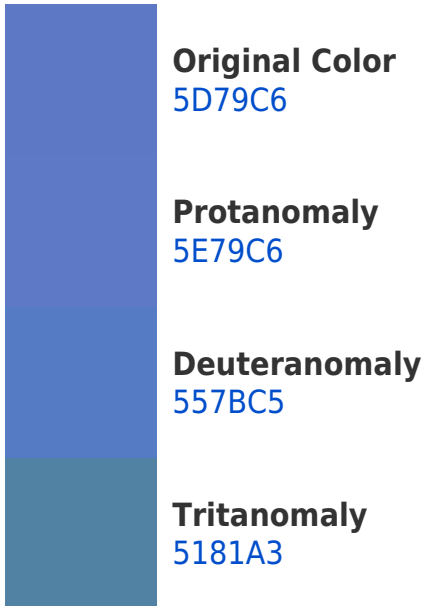
Protanopia
5E79C6

Deuteranopia
517CC5



Tritanopia
4A858F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5D79C6 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 #5D79C6 looks like.

```
.text, #text, p{  
    color:#5D79C6  
}
```

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 #5D79C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D79C6
}
```

Border

The CSS property to change the border of an element to Hex 5D79C6 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
#5D79C6 }
```

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

```
.border{ border-color:#5D79C6 }
```

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

Here you see how a box with a 4 pixel #5D79C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D79C6; -webkit-box-shadow:4px 4px  
4px 4px #5D79C6; box-shadow:4px 4px 4px  
4px #5D79C6 }
```

Background

The CSS property to change the background color of an element to Hex 5D79C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D79C6 }
```

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

```
.background{ background-color:#5D79C6 }
```

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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