

Converting Colors

Hex(5D779D)

Have a look what the booklet for
Hex(5D779D) contains.

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Color

Hex(5D779D)

Conversions

Conversions Part 1

Format	Color
Hex	5D779D
RGB	93, 119, 157
RGB Percent	36%, 47%, 62%
CMY	0.6353, 0.5333, 0.3843
CMYK	0.41, 0.24, 0.00, 0.38
HSL	216°, 26%, 49%
HSV	216°, 41%, 62%
XYZ	17.1968, 17.9551, 34.4576
YIQ	115.5580, -27.6940, 6.3060

Conversions

Conversions Part 2

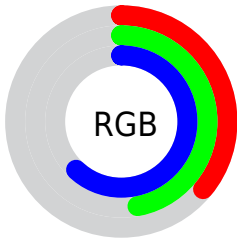
Format	Color
R_{YB}	93, 111, 157
Decimal	6125469
CIE _{Lab}	49.44, 0.72, -23.46
CIE _{LCh}	49, 23.473, 271.758
Yxy	17.9551, 0.2470, 0.2579
Android (android.graphics.Color)	4284315549 (0xFF5D779D)
YUV	115.5580, 20.4309, -19.7834
Hunter-Lab	42.3735, -1.7113, -18.5525

Details

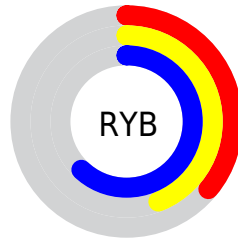
The Hex color **5D779D** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9D835D**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **92ABD4**, and **2A476A** is the 20% darker color. If you saturate the color by 10%, you get **4D6E9D**, and if you desaturate by 10%, it is **6D809D**.

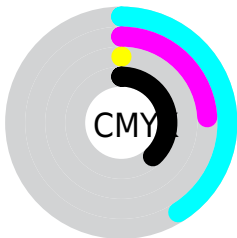
Distribution



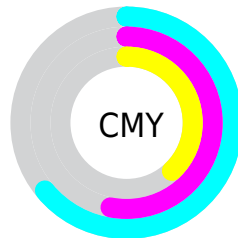
- Red (36%)
- Green (47%)
- Blue (62%)



- Red (36%)
- Yellow (44%)
- Blue (62%)



- Cyan (41%)
- Magenta (24%)
- Yellow (0%)
- Black (38%)



- Cyan (64%)
- Magenta (53%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D779D 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 5D779D by changing the saturation by 10% instead.

■ 5D779D

■ 5D779D

FFFFFF

■ 445E83

■ 92ABD4

■ 2A476A

■ ADC6F0

■ 0E3151

■ C9E2FF

■ 001C3A

■ E5FFFF

■ 000225

■ 00010D

■ 000000

■ 5D779D

■ 5D779D

■ 4D6E9D

■ 6D809D

■ 3E649D

■ 7C8A9D

■ 2E5B9D

■ 8C939D

■ 1E529D

■ 9C9C9D

■ 0E489D

■ ABA69D

■ 00409D

■ BBAF9D

■ CBB89D

■ DBC29D

■ EACB9D

Harmonies

Analogous

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



417D98



5D779D



7A7097

Triad

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



5D779D



9C6862



567F62

Complementary

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



5D779D



9D835D

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.



6D7B53



5D779D



936E53

Square

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



5D779D



9C6775



82754E



408076

Rectangle

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



5D779D



8A6C8E



82754E



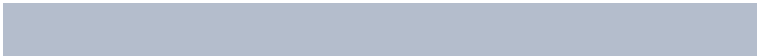
5E7E5C

Sweetspot

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



5D779D



B4BDCC



5D9D82



585E66



E6E6E6



666666

Same Dimension

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



5D779D



6891CC



625D9D



474A4F



003A8F



00060F

Inverse Universe

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



9D5D77



CC6891



989D5D



4F474A



8F003A



0F0006

Previews

White Background



This preview shows how the Hex color 5D779D looks on a white background.

Color Contrast Check

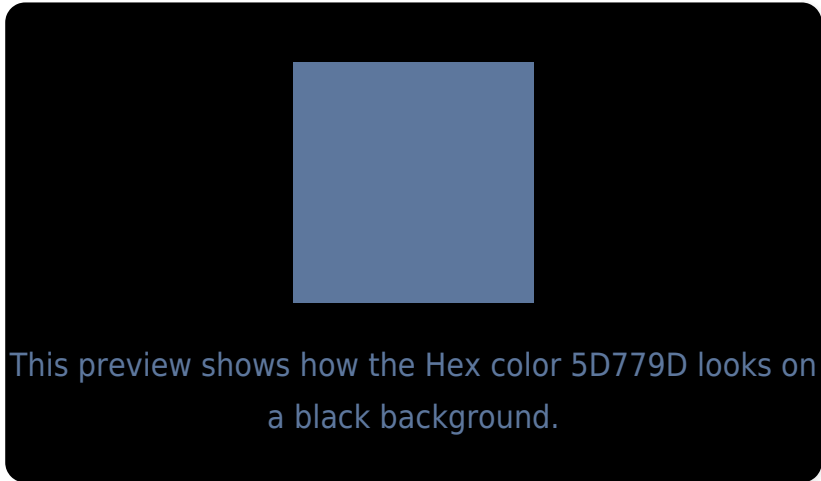
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

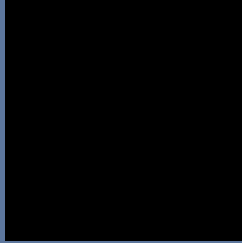
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

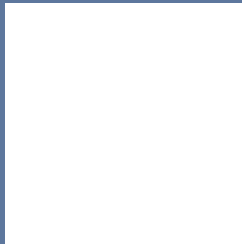
Any Text WCAG AAA × Fail

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

Hex 5D779D Background



This preview shows how black text looks on a background with the Hex color 5D779D.



This preview shows how white text looks on a background with the Hex color 5D779D.

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
5D779D

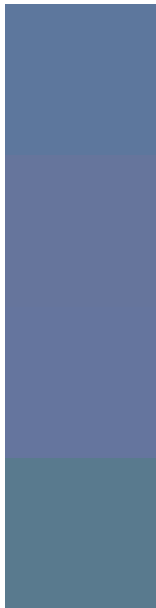
Protanopia
6B749B

Deuteranopia
6A749E



Tritanopia
577B85

Trichromacy



Original Color
5D779D

Protanomaly
66759C

Deuteranomaly
65759E

Tritanomaly
597A8E

Monochromacy



Original Color
5D779D

Achromatopsia
747474

Achromatomaly
6C7583

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D779D 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 #5D779D looks like.

```
.text, #text, p{  
    color:#5D779D  
}
```

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 #5D779D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D779D
}
```

Border

The CSS property to change the border of an element to Hex 5D779D 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
#5D779D }
```

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

```
.border{ border-color:#5D779D }
```

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

Here you see how a box with a 4 pixel #5D779D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D779D; -webkit-box-shadow:4px 4px  
4px 4px #5D779D; box-shadow:4px 4px 4px  
4px #5D779D }
```

Background

The CSS property to change the background color of an element to Hex 5D779D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D779D }
```

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

```
.background{ background-color:#5D779D }
```

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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