

Converting Colors

Hex(5F739D)

Have a look what the booklet for
Hex(5F739D) contains.

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Color

Hex(5F739D)

Conversions

Conversions Part 1

Format	Color
Hex	5F739D
RGB	95, 115, 157
RGB Percent	37%, 45%, 62%
CMY	0.6275, 0.5490, 0.3843
CMYK	0.39, 0.27, 0.00, 0.38
HSL	221°, 25%, 49%
HSV	221°, 39%, 62%
XYZ	16.9359, 17.1287, 34.3118
YIQ	113.8080, -25.4020, 8.8220

Conversions

Conversions Part 2

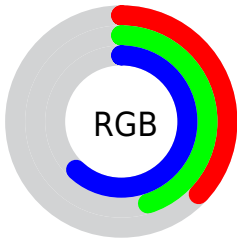
Format	Color
R _Y B	95, 110, 157
Decimal	6255517
CIE Lab	48.42, 3.68, -25.03
CIE LCh	48, 25.297, 278.360
Yxy	17.1287, 0.2477, 0.2505
Android (android.graphics.Color)	4284445597 (0xFF5F739D)
YUV	113.8080, 21.2937, -16.4946
Hunter-Lab	41.3868, 0.6169, -20.1837

Details

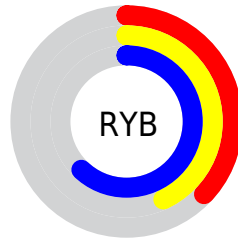
The Hex color **5F739D** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9D895F**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **94A7D4**, and **2C4369** is the 20% darker color. If you saturate the color by 10%, you get **4F689D**, and if you desaturate by 10%, it is **6F7E9D**.

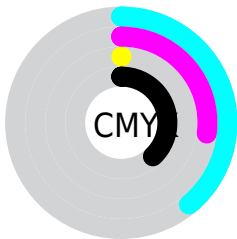
Distribution



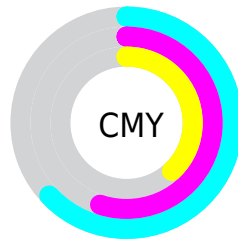
- Red (37%)
- Green (45%)
- Blue (62%)



- Red (37%)
- Yellow (43%)
- Blue (62%)



- Cyan (39%)
- Magenta (27%)
- Yellow (0%)
- Black (38%)



- Cyan (63%)
- Magenta (55%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F739D 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 5F739D by changing the saturation by 10% instead.

■ 5F739D

■ 5F739D

FFFFFF

■ 465B83

■ 94A7D4

■ 2C4369

■ AFC2F0

■ 112D51

■ CBDEFF

■ 00193A

■ E7FAFF

■ 000224

■ 00000C

■ 000000

■ 5F739D

■ 5F739D

■ 4F689D

■ 6F7E9D

■ 405E9D

■ 7E889D

■ 30539D

■ 8E939D

■ 20489D

■ 9E9E9D

■ 113E9D

■ ADA89D

■ 01339D

■ BDB39D

■ 00339D

■ CDBD9D

■ DDC89D

■ ECD39D

Harmonies

Analogous

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



3E799A



5F739D



7D6B95

Triad

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



5F739D



9B6659



4B7D63

Complementary

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



5F739D



9D895F

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.



647A51



5F739D



8F6C4C

Square

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



5F739D



9D636E



7C7448



327F78

Rectangle

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



5F739D



8D678A



7C7448



537C5C

Sweetspot

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



5F739D



B4BBCC



5F9D88



585C66



E6E6E6



666666

Same Dimension

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



5F739D



6C8BCC



695F9D



474A4F



002E8F



00050F

Inverse Universe

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



9D5F73



CC6C8B



939D5F



4F474A



8F002E



0F0005

Previews

White Background



This preview shows how the Hex color 5F739D looks on a white background.

Color Contrast Check

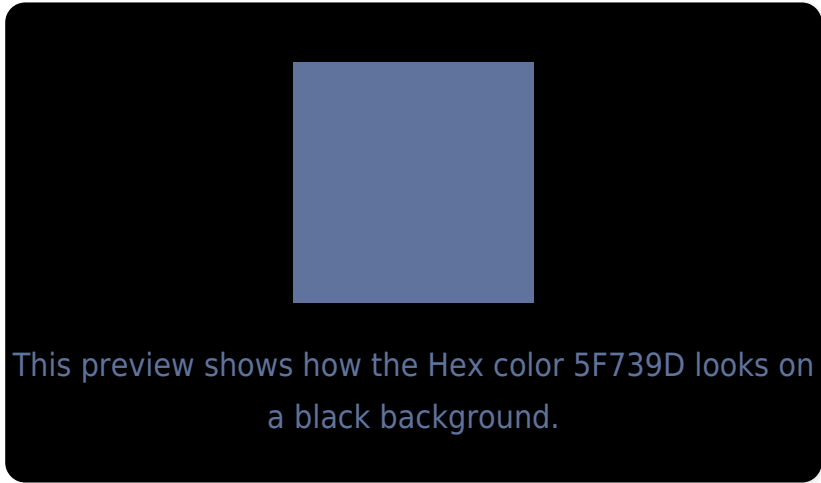
Large Text (above 18pt) WCAG AA ✓ Pass

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

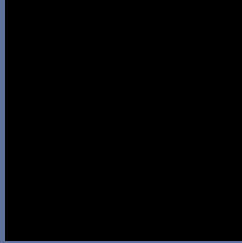
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

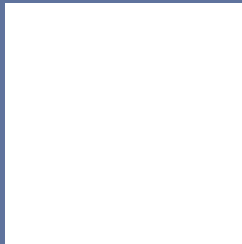
Any Text WCAG AAA × Fail

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

Hex 5F739D Background



This preview shows how black text looks on a background with the Hex color 5F739D.



This preview shows how white text looks on a background with the Hex color 5F739D.

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
5F739D

Protanopia
66719C

Deuteranopia
65719D



Tritanopia
587882

Trichromacy



Original Color
5F739D

Protanomaly
63729C

Deuteranomaly
63729D

Tritanomaly
5B768C

Monochromacy



Original Color
5F739D

Achromatopsia
727272

Achromatomaly
6B7282

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F739D 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 #5F739D looks like.

```
.text, #text, p{  
    color:#5F739D  
}
```

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 #5F739D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F739D
}
```

Border

The CSS property to change the border of an element to Hex 5F739D 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
#5F739D }
```

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

```
.border{ border-color:#5F739D }
```

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

Here you see how a box with a 4 pixel #5F739D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F739D; -webkit-box-shadow:4px 4px  
4px 4px #5F739D; box-shadow:4px 4px 4px  
4px #5F739D }
```

Background

The CSS property to change the background color of an element to Hex 5F739D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F739D }
```

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

```
.background{ background-color:#5F739D }
```

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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