

Converting Colors

Hex(5F769A)

Have a look what the booklet for
Hex(5F769A) contains.

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Color

Hex(5F769A)

Conversions

Conversions Part 1

Format	Color
Hex	5F769A
RGB	95, 118, 154
RGB Percent	37%, 46%, 60%
CMY	0.6275, 0.5373, 0.3961
CMYK	0.38, 0.23, 0.00, 0.40
HSL	217°, 24%, 49%
HSV	217°, 38%, 60%
XYZ	17.0305, 17.7229, 33.0951
YIQ	115.2270, -25.2640, 6.3200

Conversions

Conversions Part 2

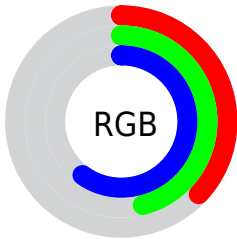
Format	Color
R_{YB}	95, 112, 154
Decimal	6256282
CIE _{Lab}	49.16, 1.03, -22.13
CIE _{LCh}	49, 22.154, 272.657
Yxy	17.7229, 0.2510, 0.2612
Android (android.graphics.Color)	4284446362 (0xFF5F769A)
YUV	115.2270, 19.1151, -17.7391
Hunter-Lab	42.0985, -1.4623, -17.1409

Details

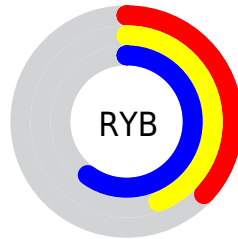
The Hex color **5F769A** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9A835F**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **93AAD1**, and **2D4667** is the 20% darker color. If you saturate the color by 10%, you get **506D9A**, and if you desaturate by 10%, it is **6E7F9A**.

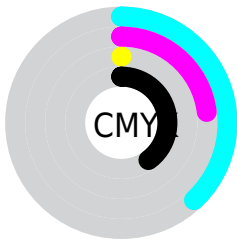
Distribution



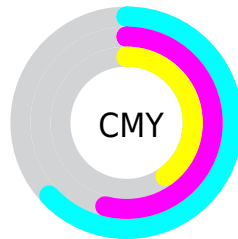
- Red (37%)
- Green (46%)
- Blue (60%)



- Red (37%)
- Yellow (44%)
- Blue (60%)



- Cyan (38%)
- Magenta (23%)
- Yellow (0%)
- Black (40%)



- Cyan (63%)
- Magenta (54%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F769A 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 5F769A by changing the saturation by 10% instead.

■ 5F769A

■ 5F769A

FFFFFF

■ 465D80

■ 93AAD1

■ 2D4667

■ AFC5ED

■ 12304F

■ CAE1FF

■ 001B38

■ E7FEFF

■ 000222

■ 000008

■ 000000

■ 5F769A

■ 5F769A

■ 506D9A

■ 6E7F9A

■ 40639A

■ 7E899A

■ 315A9A

■ 8D929A

■ 21509A

■ 9D9C9A

■ 12479A

■ ACA59A

■ 033E9A

■ BBAE9A

■ 003C9A

■ CBB89A

■ DAC19A

■ EACB9A

Harmonies

Analogous

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



457B96



5F769A



7A6F94

Triad

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



5F769A



9A6961



577E63

Complementary

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



5F769A



9A835F

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.



6C7A55



5F769A



906E54

Square

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



5F769A



996774



80744F



437F76

Rectangle

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



5F769A



886B8C



80744F



5E7D5E

Sweetspot

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



5F769A



B3BCC9



5F9A82



595E66



E6E6E6



666666

Same Dimension

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



5F769A



6D91C9



655F9A



45484D



00378C



00050D

Inverse Universe

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



9A5F76



C96D91



949A5F



4D4548



8C0037



0D0005

Previews

White Background



This preview shows how the Hex color 5F769A looks on a white background.

Color Contrast Check

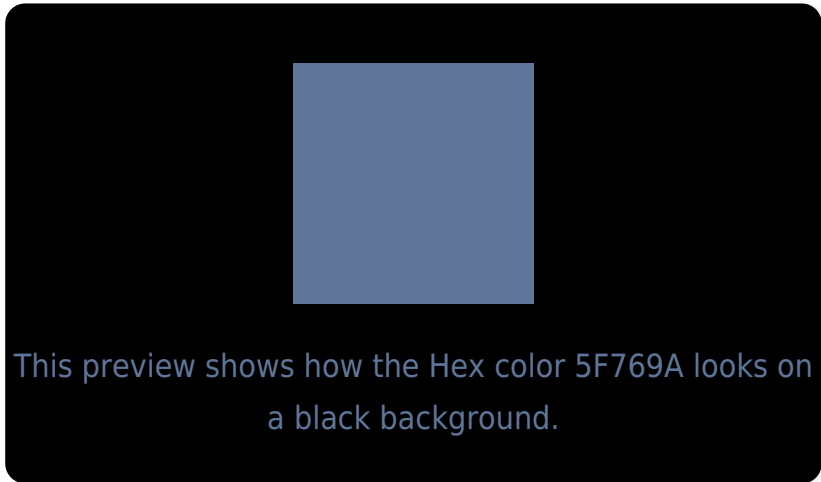
Large Text (above 18pt) WCAG AA ✓ Pass

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

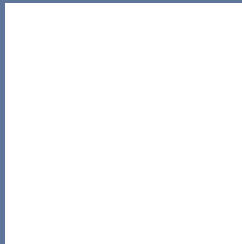
Any Text WCAG AAA × Fail

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

Hex 5F769A Background



This preview shows how black text looks on a background with the Hex color 5F769A.

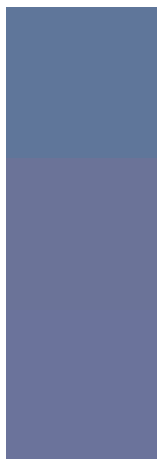


This preview shows how white text looks on a background with the Hex color 5F769A.

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
5F769A

Protanopia
6B7398

Deuteranopia
6B739B



Tritanopia
597A84

Trichromacy



Original Color
5F769A

Protanomaly
677499

Deuteranomaly
67749B

Tritanomaly
5B798C

Monochromacy



Original Color
5F769A

Achromatopsia
737373

Achromatomaly
6C7481

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F769A 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 #5F769A looks like.

```
.text, #text, p{  
  color:#5F769A  
}
```

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 #5F769A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F769A
}
```

Border

The CSS property to change the border of an element to Hex 5F769A 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
#5F769A }
```

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

```
.border{ border-color:#5F769A }
```

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

Here you see how a box with a 4 pixel #5F769A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F769A; -webkit-box-shadow:4px 4px  
4px 4px #5F769A; box-shadow:4px 4px 4px  
4px #5F769A }
```

Background

The CSS property to change the background color of an element to Hex 5F769A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F769A }
```

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

```
.background{ background-color:#5F769A }
```

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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