

Converting Colors

Hex(5F749A)

Have a look what the booklet for
Hex(5F749A) contains.

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Color

Hex(5F749A)

Conversions

Conversions Part 1

Format	Color
Hex	5F749A
RGB	95, 116, 154
RGB Percent	37%, 45%, 60%
CMY	0.6275, 0.5451, 0.3961
CMYK	0.38, 0.25, 0.00, 0.40
HSL	219°, 24%, 49%
HSV	219°, 38%, 60%
XYZ	16.7974, 17.2568, 33.0174
YIQ	114.0530, -24.7140, 7.3660

Conversions

Conversions Part 2

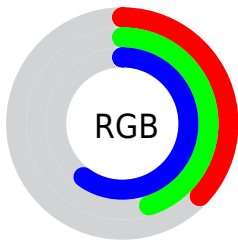
Format	Color
R _Y B	95, 110, 154
Decimal	6255770
CIE Lab	48.58, 2.22, -23.02
CIE LCh	49, 23.125, 275.507
Yxy	17.2568, 0.2504, 0.2573
Android (android.graphics.Color)	4284445850 (0xFF5F749A)
YUV	114.0530, 19.6939, -16.7095
Hunter-Lab	41.5413, -0.5198, -18.0454

Details

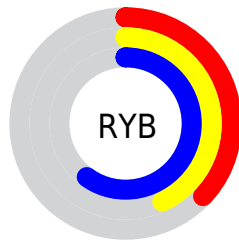
The Hex color **5F749A** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9A855F**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **93A8D1**, and **2D4467** is the 20% darker color. If you saturate the color by 10%, you get **506A9A**, and if you desaturate by 10%, it is **6E7E9A**.

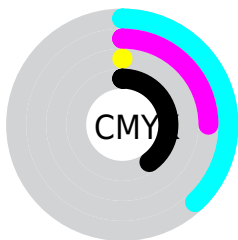
Distribution



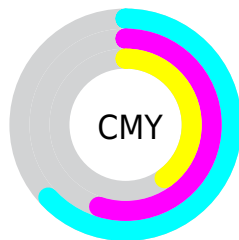
- Red (37%)
- Green (45%)
- Blue (60%)



- Red (37%)
- Yellow (43%)
- Blue (60%)



- Cyan (38%)
- Magenta (25%)
- Yellow (0%)
- Black (40%)



- Cyan (63%)
- Magenta (55%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F749A 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 5F749A by changing the saturation by 10% instead.

■ 5F749A

■ 5F749A

FFFFFF

■ 465B80

■ 93A8D1

■ 2D4467

■ AFC3ED

■ 122E4F

■ CADFFF

■ 001A37

■ E7FBFF

■ 000222

■ 000008

■ 000000

■ 5F749A

■ 5F749A

■ 506A9A

■ 6E7E9A

■ 40609A

■ 7E889A

■ 31569A

■ 8D929A

■ 214C9A

■ 9D9C9A

■ 12429A

■ ACA69A

■ 03389A

■ BBB09A

■ 00379A

■ CBB99A

■ DAC39A

■ EACD9A

Harmonies

Analogous

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



437A96



5F749A



7B6D93

Triad

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



5F749A



99675E



517D63

Complementary

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



5F749A



9A855F

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.



687953



5F749A



8F6D50

Square

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



5F749A



9A6570



7E734C



3C7E76

Rectangle

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



5F749A



8A698A



7E734C



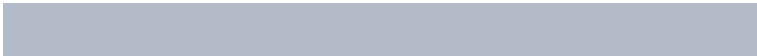
597C5D

Sweetspot

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



5F749A



B3BBC9



5F9A84



595D66



E6E6E6



666666

Same Dimension

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



5F749A



6D8EC9



675F9A



45484D



00328C



00050D

Inverse Universe

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



9A5F74



C96D8E



929A5F



4D4548



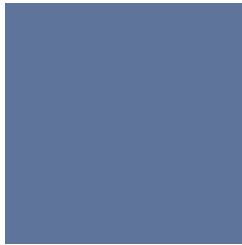
8C0032



0D0005

Previews

White Background



This preview shows how the Hex color 5F749A looks on a white background.

Color Contrast Check

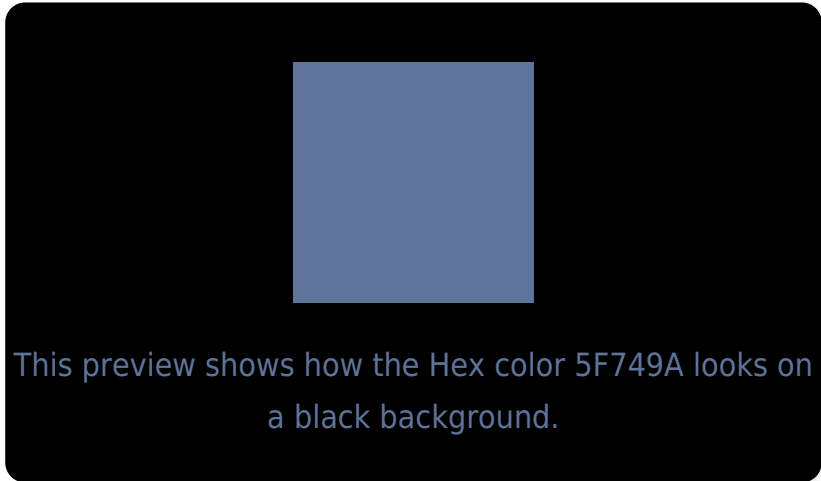
Large Text (above 18pt) WCAG AA ✓ Pass

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

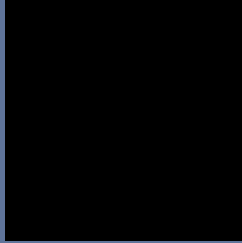
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

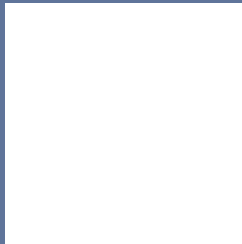
Any Text WCAG AAA × Fail

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

Hex 5F749A Background



This preview shows how black text looks on a background with the Hex color 5F749A.

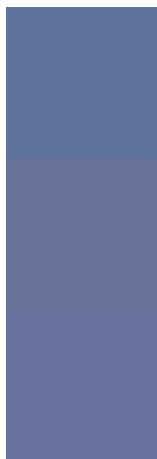


This preview shows how white text looks on a background with the Hex color 5F749A.

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

5F749A

Protanopia

687298

Deuteranopia

68719B



Tritanopia
597882

Trichromacy



Original Color
5F749A

Protanomaly
657399

Deuteranomaly
65729B

Tritanomaly
5B778B

Monochromacy



Original Color
5F749A

Achromatopsia
727272

Achromatomaly
6B7381

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F749A 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 #5F749A looks like.

```
.text, #text, p{  
    color:#5F749A  
}
```

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 #5F749A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F749A
}
```

Border

The CSS property to change the border of an element to Hex 5F749A 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".

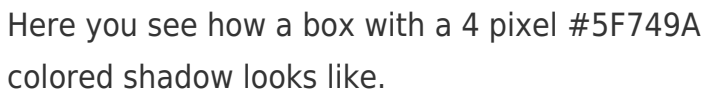
```
.border, #border, table{ border:4px solid
#5F749A }
```

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

```
.border{ border-color:#5F749A }
```

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

Here you see how a box with a 4 pixel #5F749A colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F749A; -webkit-box-shadow:4px 4px  
4px 4px #5F749A; box-shadow:4px 4px 4px  
4px #5F749A }
```

Background

The CSS property to change the background color of an element to Hex 5F749A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F749A }
```

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

```
.background{ background-color:#5F749A }
```

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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