

Converting Colors

Hex(5A669F)

Have a look what the booklet for
Hex(5A669F) contains.

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Color

Hex(5A669F)

Conversions

Conversions Part 1

Format	Color
Hex	5A669F
RGB	90, 102, 159
RGB Percent	35%, 40%, 62%
CMY	0.6471, 0.6000, 0.3765
CMYK	0.43, 0.36, 0.00, 0.38
HSL	230°, 28%, 49%
HSV	230°, 43%, 62%
XYZ	15.2258, 14.1796, 34.7353
YIQ	104.9100, -25.4490, 15.1830

Conversions

Conversions Part 2

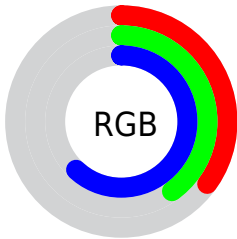
Format	Color
R _Y B	90, 100, 159
Decimal	5924511
CIE Lab	44.49, 10.82, -32.37
CIE LCh	44, 34.126, 288.486
Yxy	14.1796, 0.2374, 0.2211
Android (android.graphics.Color)	4284114591 (0xFF5A669F)
YUV	104.9100, 26.6664, -13.0761
Hunter-Lab	37.6558, 6.2774, -28.3326

Details

The Hex color **5A669F** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9F935A**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **8F99D6**, and **26386B** is the 20% darker color. If you saturate the color by 10%, you get **4A599F**, and if you desaturate by 10%, it is **6A739F**.

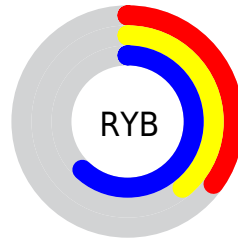
Distribution



Red (35%)

Green (40%)

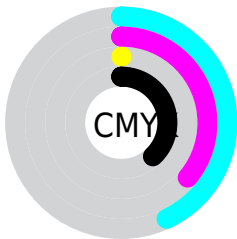
Blue (62%)



Red (35%)

Yellow (39%)

Blue (62%)

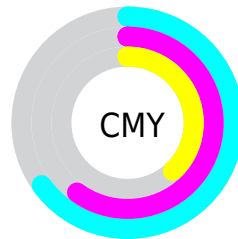


Cyan (43%)

Magenta (36%)

Yellow (0%)

Black (38%)



Cyan (65%)

Magenta (60%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A669F 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 5A669F by changing the saturation by 10% instead.

■ 5A669F

■ 5A669F

FFFFFF

■ 404E85

■ 8F99D6

■ 26386B

■ AAB4F3

■ 052253

■ C6CFFF

■ 000D3B

■ E3EBFF

■ 000225

■ 00010D

■ 000000

■ 5A669F

■ 5A669F

■ 4A599F

■ 6A739F

■ 3A4C9F

■ 7A809F

■ 2A3F9F

■ 8A8D9F

■ 1A319F

■ 9A9B9F

■ 0B249F

■ AAA89F

■ 001C9F

■ B9B59F

■ C9C29F

■ D9CF9F

■ E9DC9F

Harmonies

Analogous

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



166FA0



5A669F



825B8F

Triad

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



5A669F



975A40



17775D

Complementary

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



5A669F



9F935A

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.



487442



5A669F



846431

Square

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



5A669F



9F5259



696D31



00787A

Rectangle

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



5A669F



93557F



696D31



2C7653

Sweetspot

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



5A669F



B4B8CF



5A9F92



585B69



E8E8E8



696969

Same Dimension

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



5A669F



6376CF



705A9F



47494F



00198F



00030F

Inverse Universe

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



9F5A66



CF6376



899F5A



4F4749



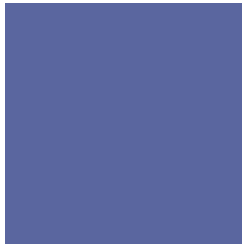
8F0019



0F0003

Previews

White Background



This preview shows how the Hex color 5A669F looks on a white background.

Color Contrast Check

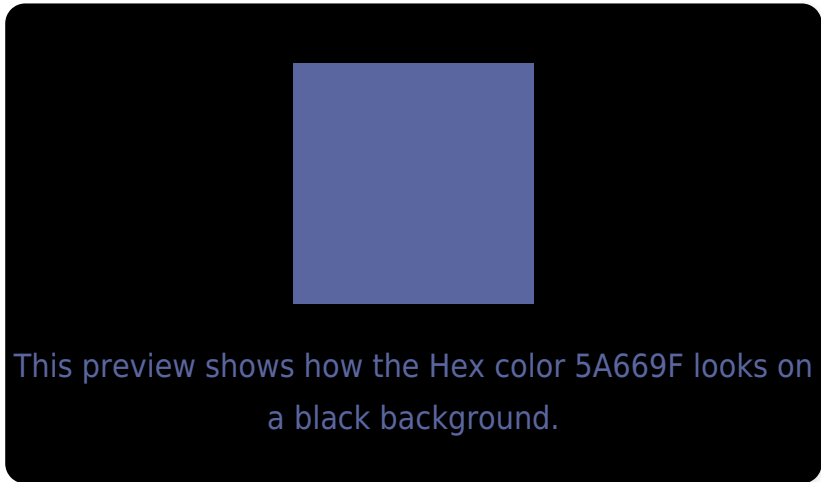
Large Text (above 18pt) WCAG AA ✓ Pass

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

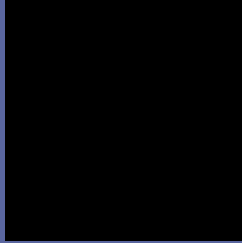
Any Text WCAG AA × Fail

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 5A669F Background



This preview shows how black text looks on a background with the Hex color 5A669F.

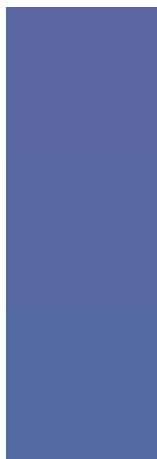


This preview shows how white text looks on a background with the Hex color 5A669F.

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

5A669F

Protanopia

5567A0

Deuteranopia

50699E



Tritanopia
4F6E77

Trichromacy



Original Color
5A669F

Protanomaly
5767A0

Deuteranomaly
54689E

Tritanomaly
536B86

Monochromacy



Original Color
5A669F

Achromatopsia
696969

Achromatomaly
64687D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A669F 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 #5A669F looks like.

```
.text, #text, p{  
    color:#5A669F  
}
```

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 #5A669F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A669F
}
```

Border

The CSS property to change the border of an element to Hex 5A669F 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
#5A669F }
```

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

```
.border{ border-color:#5A669F }
```

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

Here you see how a box with a 4 pixel #5A669F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A669F; -webkit-box-shadow:4px 4px  
4px 4px #5A669F; box-shadow:4px 4px 4px  
4px #5A669F }
```

Background

The CSS property to change the background color of an element to Hex 5A669F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A669F }
```

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

```
.background{ background-color:#5A669F }
```

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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