

Converting Colors

Hex(5A799F)

Have a look what the booklet for
Hex(5A799F) contains.

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Color

Hex(5A799F)

Conversions

Conversions Part 1

Format	Color
Hex	5A799F
RGB	90, 121, 159
RGB Percent	35%, 47%, 62%
CMY	0.6471, 0.5255, 0.3765
CMYK	0.43, 0.24, 0.00, 0.38
HSL	213°, 28%, 49%
HSV	213°, 43%, 62%
XYZ	17.3118, 18.3516, 35.4307
YIQ	116.0630, -30.6740, 5.2460

Conversions

Conversions Part 2

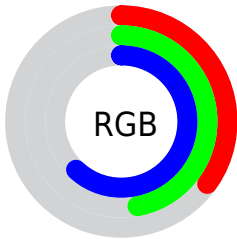
Format	Color
R_{YB}	90, 111, 159
Decimal	5929375
CIE _{Lab}	49.92, -0.71, -23.91
CIE _{LCh}	50, 23.919, 268.294
Yxy	18.3516, 0.2435, 0.2581
Android (android.graphics.Color)	4284119455 (0xFF5A799F)
YUV	116.0630, 21.1679, -22.8573
Hunter-Lab	42.8388, -2.8332, -19.0498

Details

The Hex color **5A799F** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9F805A**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **8FADD6**, and **26496B** is the 20% darker color. If you saturate the color by 10%, you get **4A709F**, and if you desaturate by 10%, it is **6A829F**.

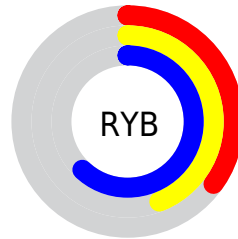
Distribution



Red (35%)

Green (47%)

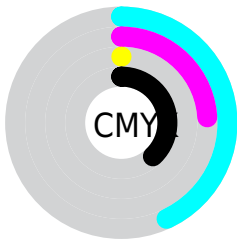
Blue (62%)



Red (35%)

Yellow (44%)

Blue (62%)

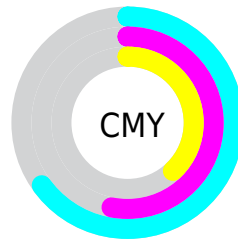


Cyan (43%)

Magenta (24%)

Yellow (0%)

Black (38%)



Cyan (65%)

Magenta (53%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A799F 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 5A799F by changing the saturation by 10% instead.

■ 5A799F

■ 5A799F

FFFFFF

■ 406085

■ 8FADD6

■ 26496B

■ AAC9F2

■ 053253

■ C6E5FF

■ 001E3C

■ E3FFFF

■ 000326

■ 00010F

■ 000000

■ 5A799F

■ 5A799F

■ 4A709F

■ 6A829F

■ 3A679F

■ 7A8B9F

■ 2A5F9F

■ 8A939F

■ 1A569F

■ 9A9C9F

■ 0B4D9F

■ AAA59F

■ 00479F

■ B9AE9F

■ C9B69F

■ D9BF9F

■ E9C89F

Harmonies

Analogous

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



3E7E99



5A799F



78729A

Triad

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



5A799F



9F6964



598061

Complementary

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



5A799F



9F805A

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.



717B52



5A799F



966E55

Square

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



5A799F



9D6879



86754E



428275

Rectangle

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



5A799F



896D92



86754E



617E5B

Sweetspot

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



5A799F



B4C0CF



5A9F80



585F69



E8E8E8



696969

Same Dimension

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



5A799F



6393CF



5D5A9F



474B4F



00408F



00070F

Inverse Universe

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



9F5A79



CF6393



9C9F5A



4F474B



8F0040



0F0007

Previews

White Background



This preview shows how the Hex color 5A799F looks on a white background.

Color Contrast Check

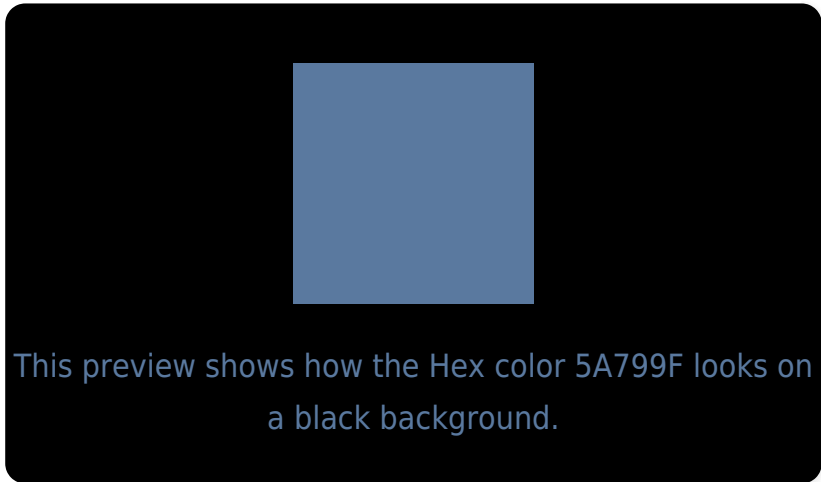
Large Text (above 18pt) WCAG AA ✓ Pass

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

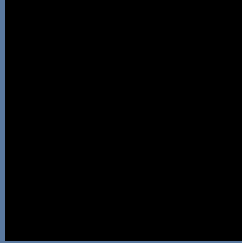
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

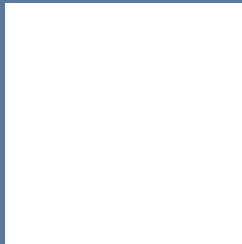
Any Text WCAG AAA × Fail

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

Hex 5A799F Background



This preview shows how black text looks on a background with the Hex color 5A799F.




This preview shows how white text looks on a background with the Hex color 5A799F.

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





Tritanopia
537D87

Trichromacy



Original Color
5A799F

Protanomaly
65769D

Deuteranomaly
6576A0

Tritanomaly
567C90

Monochromacy



Original Color
5A799F

Achromatopsia
747474

Achromatomaly
6B7684

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A799F 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 #5A799F looks like.

```
.text, #text, p{  
    color:#5A799F  
}
```

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 #5A799F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A799F
}
```

Border

The CSS property to change the border of an element to Hex 5A799F is called "border". The border property can be set on classes, ids or directly on the HTML element.

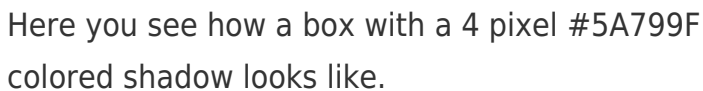
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A799F }
```

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

```
.border{ border-color:#5A799F }
```

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



Here you see how a box with a 4 pixel #5A799F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A799F; -webkit-box-shadow:4px 4px  
4px 4px #5A799F; box-shadow:4px 4px 4px  
4px #5A799F }
```

Background

The CSS property to change the background color of an element to Hex 5A799F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A799F }
```

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

```
.background{ background-color:#5A799F }
```

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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