

Converting Colors

Hex(5F94A6)

Have a look what the booklet for
Hex(5F94A6) contains.

Hex(5F94A6)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5F94A6)

Conversions

Conversions Part 1

Format	Color
Hex	5F94A6
RGB	95, 148, 166
RGB Percent	37%, 58%, 65%
CMY	0.6275, 0.4196, 0.3490
CMYK	0.43, 0.11, 0.00, 0.35
HSL	195°, 29%, 51%
HSV	195°, 43%, 65%
XYZ	22.1922, 26.3659, 39.9959
YIQ	134.2050, -37.3660, -5.6380

Conversions

Conversions Part 2

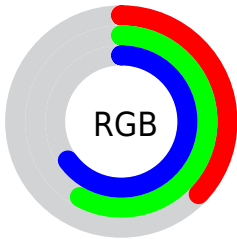
Format	Color
R_{YB}	95, 125, 166
Decimal	6263974
CIE _{Lab}	58.38, -12.73, -14.99
CIE _{LCh}	58, 19.664, 229.661
Yxy	26.3659, 0.2506, 0.2977
Android (android.graphics.Color)	4284454054 (0xFF5F94A6)
YUV	134.2050, 15.6749, -34.3828
Hunter-Lab	51.3477, -12.7119, -10.2389

Details

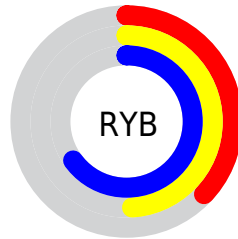
The Hex color **5F94A6** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A6715F**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **95CADD**, and **2A6172** is the 20% darker color. If you saturate the color by 10%, you get **4E90A6**, and if you desaturate by 10%, it is **7098A6**.

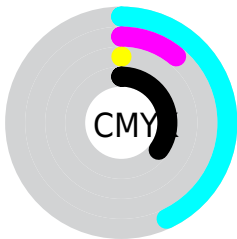
Distribution



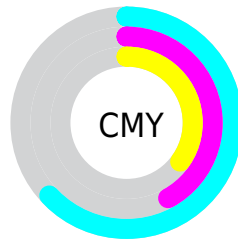
- Red (37%)
- Green (58%)
- Blue (65%)



- Red (37%)
- Yellow (49%)
- Blue (65%)



- Cyan (43%)
- Magenta (11%)
- Yellow (0%)
- Black (35%)



- Cyan (63%)
- Magenta (42%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F94A6 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 5F94A6 by changing the saturation by 10% instead.



5F94A6



5F94A6

FFFFFF



457A8C



95CADD



2A6172



B0E6FA



07495A



CDFFFF



003342



E9FFFF



001E2C



000118



000000



5F94A6



5F94A6



4E90A6



7098A6

■ 3E8CA6

■ 809CA6

■ 2D87A6

■ 91A1A6

■ 1D83A6

■ A1A5A6

■ 0C7FA6

■ B2A9A6

■ 007CA6

■ C3ADA6

■ D3B1A6

■ E4B6A6

■ F4BAA6

Harmonies

Analogous

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



5C9697



5F94A6



7090AE

Triad

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



5F94A6



AB8193



8D8F6C

Complementary

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



5F94A6



A6715F

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.



9F896B



5F94A6



B08082

Square

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



5F94A6



9D84A3



AB8473



7A9376

Rectangle

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



5F94A6



7F8CAE



AB8473



948D6A

Sweetspot

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



5F94A6



BDD2D9



5FA671



5C696E



EDEDED



6E6E6E

Same Dimension

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



5F94A6



6ABDD9



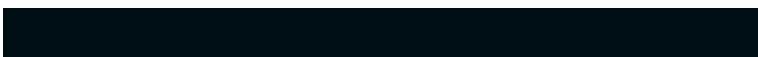
5F71A6



4C5254



006E94



000F14

Inverse Universe

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



A65F94



D96ABD



A6945F



544C52



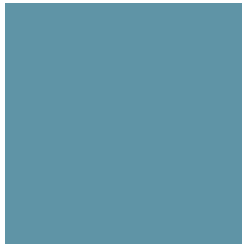
94006E



14000F

Previews

White Background



This preview shows how the Hex color 5F94A6 looks on a white background.

Color Contrast Check

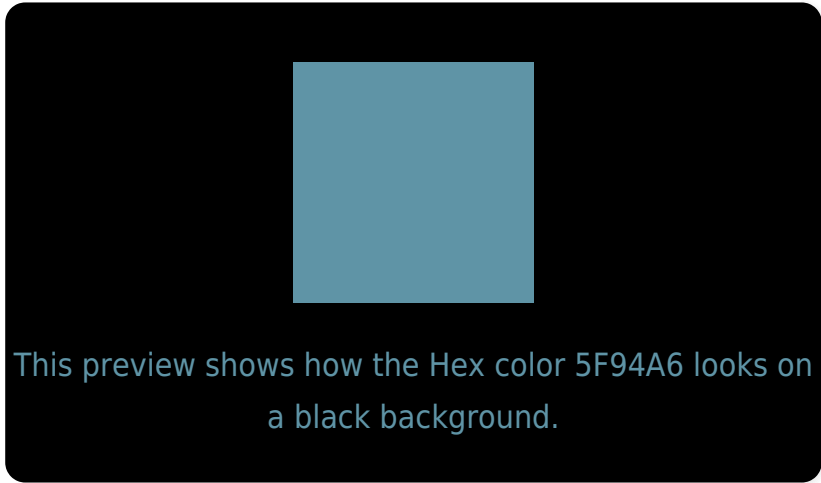
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 5F94A6 Background



This preview shows how black text looks on a background with the Hex color 5F94A6.

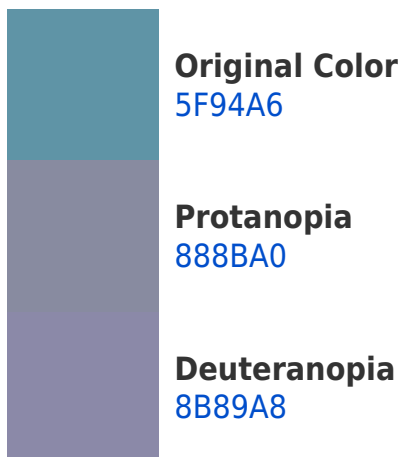



This preview shows how white text looks on a background with the Hex color 5F94A6.

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](#).

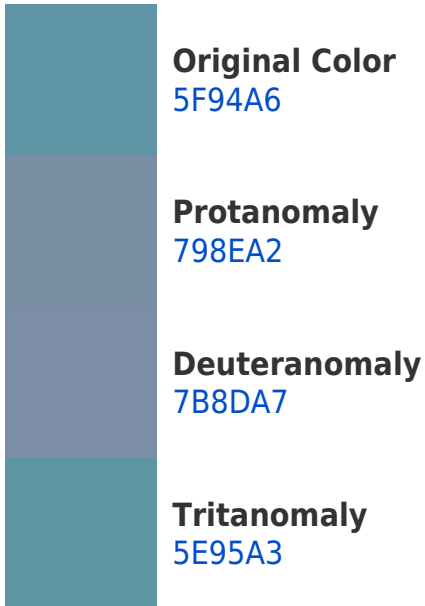
Dichromacy





Tritanopia
5E95A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5F94A6 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 #5F94A6 looks like.

```
.text, #text, p{  
    color:#5F94A6  
}
```

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 #5F94A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F94A6
}
```

Border

The CSS property to change the border of an element to Hex 5F94A6 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
#5F94A6 }
```

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

```
.border{ border-color:#5F94A6 }
```

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

Here you see how a box with a 4 pixel #5F94A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F94A6; -webkit-box-shadow:4px 4px  
4px 4px #5F94A6; box-shadow:4px 4px 4px  
4px #5F94A6 }
```

Background

The CSS property to change the background color of an element to Hex 5F94A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F94A6 }
```

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

```
.background{ background-color:#5F94A6 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor