

Converting Colors

Hex(5F9EA0)

Have a look what the booklet for
Hex(5F9EA0) contains.

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Color

Hex(5F9EA0)

Conversions

Conversions Part 1

Format	Color
Hex	5F9EA0
RGB	95, 158, 160
RGB Percent	37%, 62%, 63%
CMY	0.6275, 0.3804, 0.3725
CMYK	0.41, 0.01, 0.00, 0.37
HSL	182°, 25%, 50%
HSV	182°, 41%, 63%
XYZ	23.2913, 29.4247, 37.7097
YIQ	139.3910, -38.1900, -12.7340

Conversions

Conversions Part 2

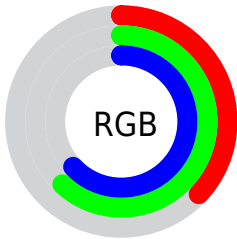
Format	Color
RYB	95, 127, 160
Decimal	6266528
CIELab	61.15, -19.68, -7.43
CIElCh	61, 21.030, 200.680
Yxy	29.4247, 0.2576, 0.3254
Android (android.graphics.Color)	4284456608 (0xFF5F9EA0)
YUV	139.3910, 10.1602, -38.9309
Hunter-Lab	54.2445, -18.2842, -3.2460

Details

The Hex color **5F9EA0** is a dark color, and the websafe version is hex **669999**, and the color name is **cadetblue**. A complement of this color would be **A0615F**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **95D5D7**, and **296A6D** is the 20% darker color. If you saturate the color by 10%, you get **4F9EA0**, and if you desaturate by 10%, it is **6F9EA0**.

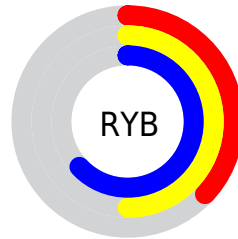
Distribution



Red (37%)

Green (62%)

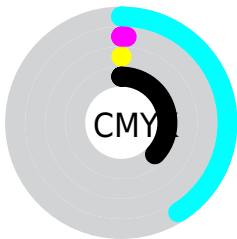
Blue (63%)



Red (37%)

Yellow (50%)

Blue (63%)

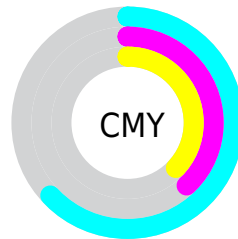


Cyan (41%)

Magenta (1%)

Yellow (0%)

Black (37%)



Cyan (63%)

Magenta (38%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F9EA0 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 5F9EA0 by changing the saturation by 10% instead.

■ 5F9EA0

■ 5F9EA0

FFFFFF

■ 458486

■ 95D5D7

■ 296A6D

■ B1F1F3

■ 065254

■ CDFFFF

■ 003B3D

■ EAFFFF

■ 002527

■ 000913

■ 000000

■ 5F9EA0

■ 5F9EA0

■ 4F9EA0

■ 6F9EA0

 3F9DA0

 7F9FA0

 2F9DA0

 8F9FA0

 1F9CA0

 9FA0A0

 0F9CA0

 AFA0A0

 009BA0

 BFA1A0

 CFA1A0

 DFA2A0

 EFA2A0

Harmonies

Analogous

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



6B9E8D



5F9EA0



639CB0

Triad

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



5F9EA0



A68BAB



A7906F

Complementary

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



5F9EA0



A0615F

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.



B58A78



5F9EA0



B5879A

Square

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



5F9EA0



8F91B6



BA8787



949671

Rectangle

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



5F9EA0



6E99B6



BA8787



AC8E71

Sweetspot

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



5F9EA0



B8D0D1



5FA060



5A6869



E8E8E8



696969

Same Dimension

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



5F9EA0



6BCED1



5F7EA0



474F4F



008A8F



000F0F

Inverse Universe

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



A05F9E



D16BCE



A0815F



4F474F



8F008A



0F000F

Previews

White Background



This preview shows how the Hex color 5F9EA0 looks on a white background.

Color Contrast Check

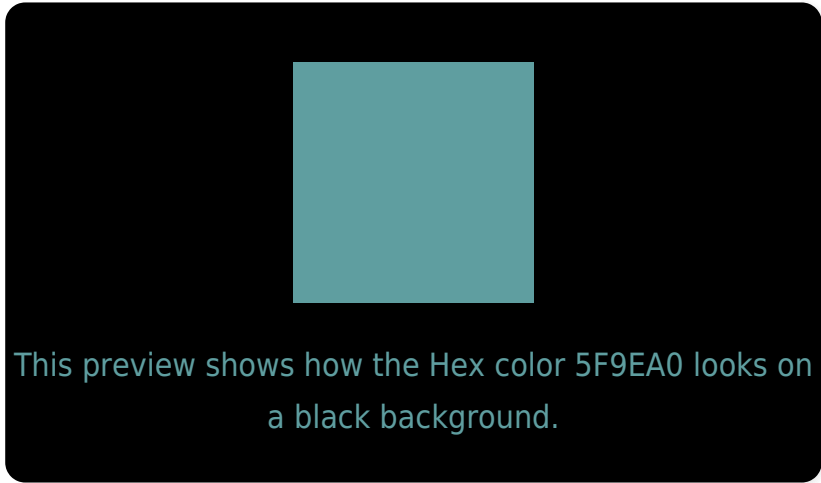
Large Text (above 18pt) WCAG AA ✓ Pass

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

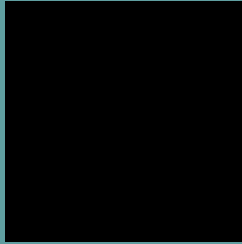
Any Text WCAG AA ✓ Pass

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 5F9EA0 Background



This preview shows how black text looks on a background with the Hex color 5F9EA0.

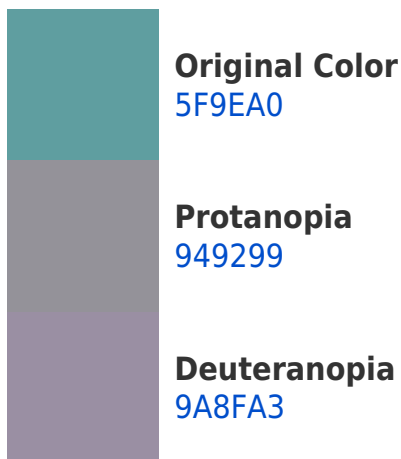


This preview shows how white text looks on a background with the Hex color 5F9EA0.

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](#).

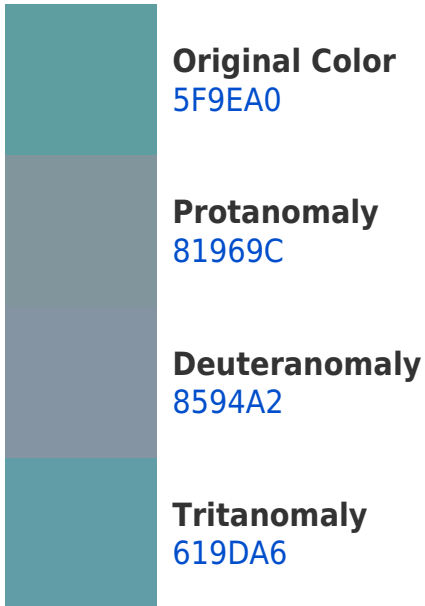
Dichromacy





Tritanopia
629DA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5F9EA0 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 #5F9EA0 looks like.

```
.text, #text, p{  
    color:#5F9EA0  
}
```

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 #5F9EA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F9EA0
}
```

Border

The CSS property to change the border of an element to Hex 5F9EA0 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
#5F9EA0 }
```

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

```
.border{ border-color:#5F9EA0 }
```

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

Here you see how a box with a 4 pixel #5F9EA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F9EA0; -webkit-box-shadow:4px 4px  
4px 4px #5F9EA0; box-shadow:4px 4px 4px  
4px #5F9EA0 }
```

Background

The CSS property to change the background color of an element to Hex 5F9EA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F9EA0 }
```

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

```
.background{ background-color:#5F9EA0 }
```

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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