

Converting Colors

Hex(5F85A0)

Have a look what the booklet for
Hex(5F85A0) contains.

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Color

Hex(5F85A0)

Conversions

Conversions Part 1

Format	Color
Hex	5F85A0
RGB	95, 133, 160
RGB Percent	37%, 52%, 63%
CMY	0.6275, 0.4784, 0.3725
CMYK	0.41, 0.17, 0.00, 0.37
HSL	205°, 25%, 50%
HSV	205°, 41%, 63%
XYZ	19.4520, 21.7460, 36.4299
YIQ	124.7160, -31.3150, 0.3410

Conversions

Conversions Part 2

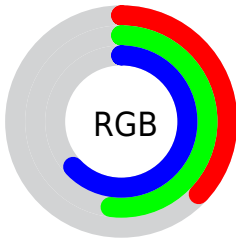
Format	Color
R_{YB}	95, 119, 160
Decimal	6260128
CIE _{Lab}	53.76, -6.02, -18.57
CIE _{LCh}	54, 19.526, 252.041
Yxy	21.7460, 0.2506, 0.2801
Android (android.graphics.Color)	4284450208 (0xFF5F85A0)
YUV	124.7160, 17.3950, -26.0609
Hunter-Lab	46.6326, -7.1489, -13.6751

Details

The Hex color **5F85A0** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **A07A5F**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **94BAD7**, and **2C546C** is the 20% darker color. If you saturate the color by 10%, you get **4F7EA0**, and if you desaturate by 10%, it is **6F8CA0**.

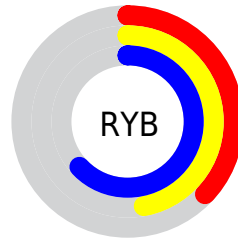
Distribution



Red (37%)

Green (52%)

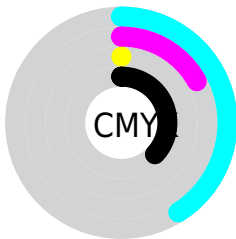
Blue (63%)



Red (37%)

Yellow (47%)

Blue (63%)

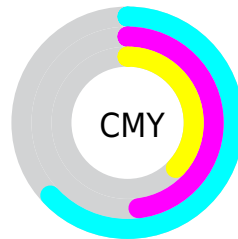


Cyan (41%)

Magenta (17%)

Yellow (0%)

Black (37%)



Cyan (63%)

Magenta (48%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F85A0 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 5F85A0 by changing the saturation by 10% instead.

■ 5F85A0

■ 5F85A0

FFFFFF

■ 456C86

■ 94BAD7

■ 2C546C

■ AFD6F3

■ 0F3D54

■ CBF2FF

■ 00273D

■ E8FFFF

■ 001227

■ 000111

■ 000000

■ 5F85A0

■ 5F85A0

■ 4F7EA0

■ 6F8CA0

■ 3F78A0

■ 7F92A0

■ 2F71A0

■ 8F99A0

■ 1F6AA0

■ 9FA0A0

■ 0F64A0

■ AFA6A0

■ 005EA0

■ BFADA0

■ CFB4A0

■ DFBAA0

■ EFC1A0

Harmonies

Analogous

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



518996



5F85A0



7580A1

Triad

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



5F85A0



A3747A



738667

Complementary

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



5F85A0



A07A5F

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.



86825F



5F85A0



A0776B

Square

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



5F85A0



9C768B



967C61



608976

Rectangle

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



5F85A0



857C9D



967C61



7A8564

Sweetspot

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



5F85A0



B8C7D1



5FA079



5A6269



E8E8E8



696969

Same Dimension

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



5F85A0



6BA7D1



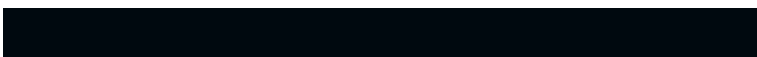
5F65A0



474C4F



00538F



00090F

Inverse Universe

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



A05F85



D16BA7



A09A5F



4F474C



8F0053



0F0009

Previews

White Background



This preview shows how the Hex color 5F85A0 looks on a white background.

Color Contrast Check

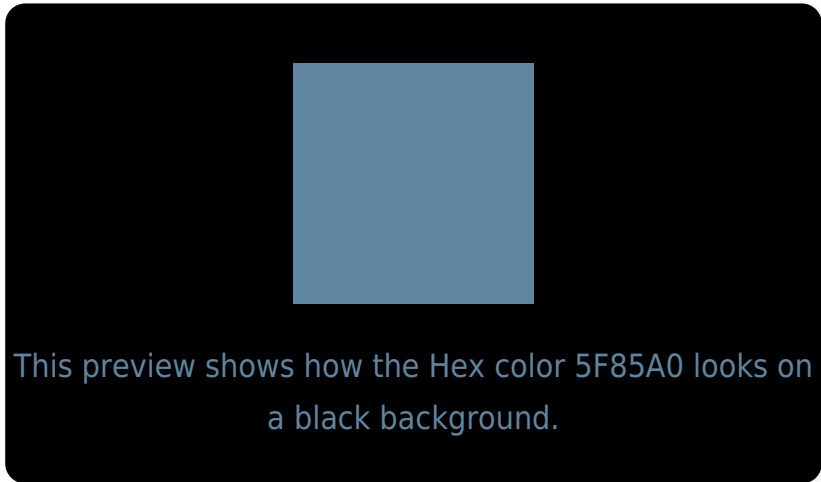
Large Text (above 18pt) WCAG AA ✓ Pass

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

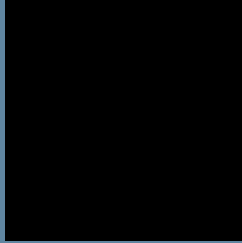
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

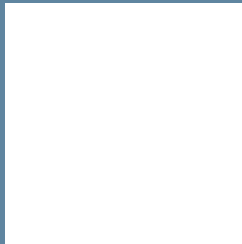
Any Text WCAG AAA × Fail

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

Hex 5F85A0 Background



This preview shows how black text looks on a background with the Hex color 5F85A0.



This preview shows how white text looks on a background with the Hex color 5F85A0.

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](#).

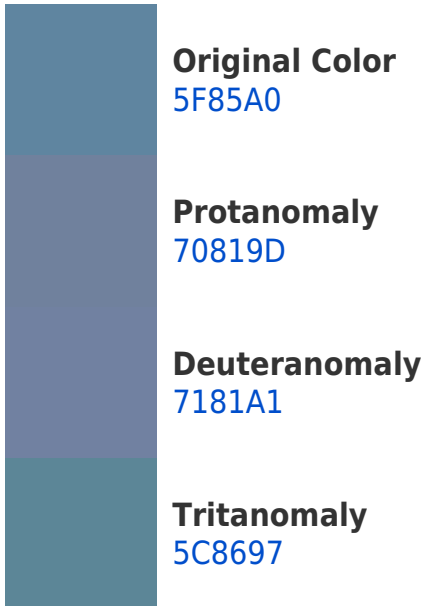
Dichromacy



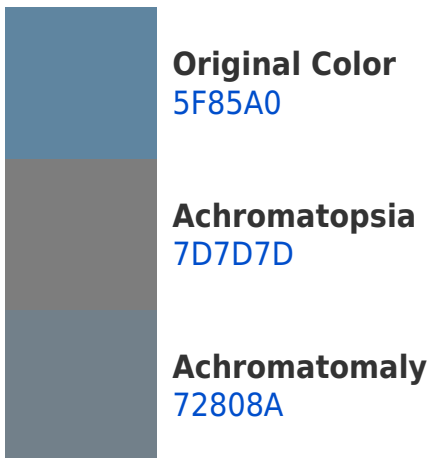


Tritanopia
5B8792

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5F85A0 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 #5F85A0 looks like.

```
.text, #text, p{  
    color:#5F85A0  
}
```

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 #5F85A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F85A0
}
```

Border

The CSS property to change the border of an element to Hex 5F85A0 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
#5F85A0 }
```

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

```
.border{ border-color:#5F85A0 }
```

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

Here you see how a box with a 4 pixel #5F85A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F85A0; -webkit-box-shadow:4px 4px  
4px 4px #5F85A0; box-shadow:4px 4px 4px  
4px #5F85A0 }
```

Background

The CSS property to change the background color of an element to Hex 5F85A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F85A0 }
```

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

```
.background{ background-color:#5F85A0 }
```

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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