

Converting Colors

Hex(5F7AA3)

Have a look what the booklet for
Hex(5F7AA3) contains.

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Color

Hex(5F7AA3)

Conversions

Conversions Part 1

Format	Color
Hex	5F7AA3
RGB	95, 122, 163
RGB Percent	37%, 48%, 64%
CMY	0.6275, 0.5216, 0.3608
CMYK	0.42, 0.25, 0.00, 0.36
HSL	216°, 27%, 51%
HSV	216°, 42%, 64%
XYZ	18.2897, 18.9963, 37.3530
YIQ	118.6010, -29.2530, 7.0270

Conversions

Conversions Part 2

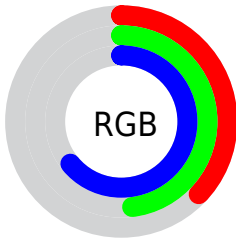
Format	Color
R _Y B	95, 114, 163
Decimal	6257315
CIE Lab	50.68, 1.24, -25.04
CIE LCh	51, 25.068, 272.830
Yxy	18.9963, 0.2450, 0.2545
Android (android.graphics.Color)	4284447395 (0xFF5F7AA3)
YUV	118.6010, 21.8887, -20.6981
Hunter-Lab	43.5848, -1.3684, -20.3034

Details

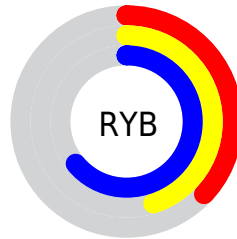
The Hex color **5F7AA3** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A3885F**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **94AEDA**, and **2B4A6F** is the 20% darker color. If you saturate the color by 10%, you get **4F70A3**, and if you desaturate by 10%, it is **6F84A3**.

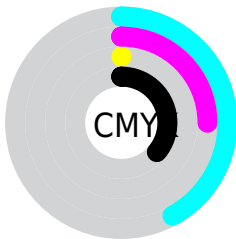
Distribution



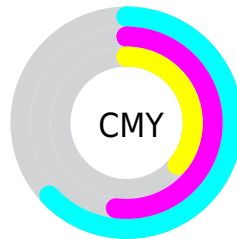
- Red (37%)
- Green (48%)
- Blue (64%)



- Red (37%)
- Yellow (45%)
- Blue (64%)



- Cyan (42%)
- Magenta (25%)
- Yellow (0%)
- Black (36%)



- Cyan (63%)
- Magenta (52%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F7AA3 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 5F7AA3 by changing the saturation by 10% instead.

■ 5F7AA3

■ 5F7AA3

FFFFFF

■ 456189

■ 94AEDA

■ 2B4A6F

■ AFCAF7

■ 0E3357

■ CBE6FF

■ 001E3F

■ E8FFFF

■ 000429

■ 000113

■ 000000

■ 5F7AA3

■ 5F7AA3

■ 4F70A3

■ 6F84A3

■ 3E66A3

■ 808EA3

■ 2E5DA3

■ 9097A3

■ 1E53A3

■ A0A1A3

■ 0E49A3

■ B0ABA3

■ 0041A3

■ C1B5A3

■ D1BFA3

■ E1C9A3

■ F2D2A3

Harmonies

Analogous

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



3F809E



5F7AA3



7E729D

Triad

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



5F7AA3



A26B63



558364

Complementary

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



5F7AA3



A3885F

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.



6F7E54



5F7AA3



987153

Square

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



5F7AA3



A26977



85784E



3D847A

Rectangle

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



5F7AA3



8F6E93



85784E



5E815E

Sweetspot

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



5F7AA3



B8C3D4



5FA388



5A616B



EBEBEB



6B6B6B

Same Dimension

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



5F7AA3



6A94D4



665FA3



494D52



003A91



000712

Inverse Universe

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



A35F7A



D46A94



9CA35F



52494D



91003A



120007

Previews

White Background



This preview shows how the Hex color 5F7AA3 looks on a white background.

Color Contrast Check

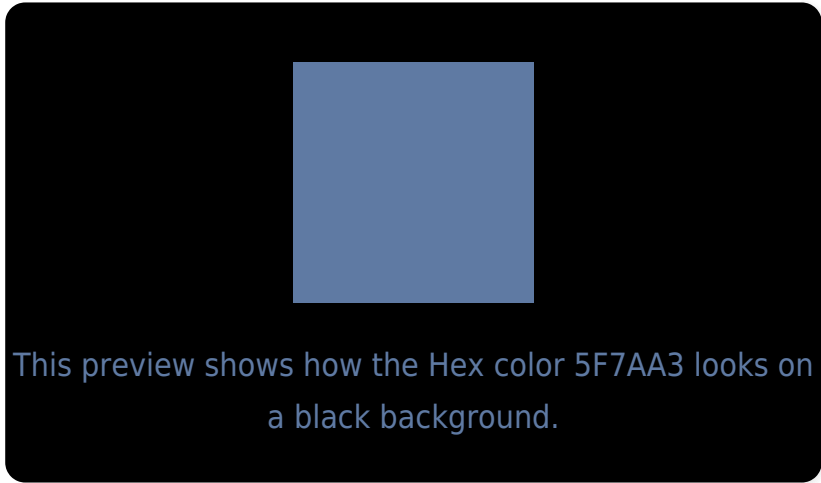
Large Text (above 18pt) WCAG AA ✓ Pass

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

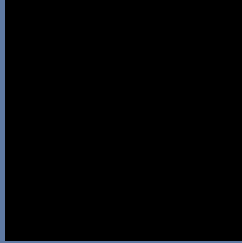
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

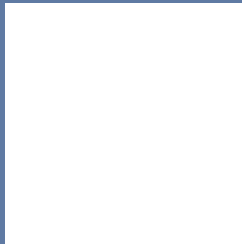
Any Text WCAG AAA × Fail

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

Hex 5F7AA3 Background



This preview shows how black text looks on a background with the Hex color 5F7AA3.



This preview shows how white text looks on a background with the Hex color 5F7AA3.

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
5F7AA3

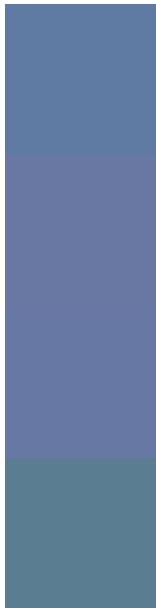
Protanopia
6D77A1

Deuteranopia
6B77A4



Tritanopia
587F89

Trichromacy



Original Color
5F7AA3

Protanomaly
6878A2

Deuteranomaly
6778A4

Tritanomaly
5B7D92

Monochromacy



Original Color
5F7AA3

Achromatopsia
777777

Achromatomaly
6E7887

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F7AA3 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 #5F7AA3 looks like.

```
.text, #text, p{  
    color:#5F7AA3  
}
```

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 #5F7AA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F7AA3
}
```

Border

The CSS property to change the border of an element to Hex 5F7AA3 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
#5F7AA3 }
```

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

```
.border{ border-color:#5F7AA3 }
```

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

Here you see how a box with a 4 pixel #5F7AA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F7AA3; -webkit-box-shadow:4px 4px  
4px 4px #5F7AA3; box-shadow:4px 4px 4px  
4px #5F7AA3 }
```

Background

The CSS property to change the background color of an element to Hex 5F7AA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F7AA3 }
```

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

```
.background{ background-color:#5F7AA3 }
```

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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