

Converting Colors

Hex(5F4C83)

Have a look what the booklet for
Hex(5F4C83) contains.

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Color

Hex(5F4C83)

Conversions

Conversions Part 1

Format	Color
Hex	5F4C83
RGB	95, 76, 131
RGB Percent	37%, 30%, 51%
CMY	0.6275, 0.7020, 0.4863
CMYK	0.27, 0.42, 0.00, 0.49
HSL	261°, 27%, 41%
HSV	261°, 42%, 51%
XYZ	11.4005, 9.2405, 22.6554
YIQ	87.9510, -6.3310, 21.1330

Conversions

Conversions Part 2

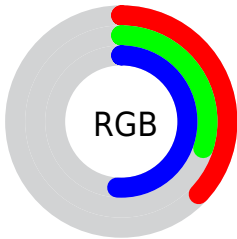
Format	Color
RYB	95, 76, 131
Decimal	6245507
CIELab	36.44, 20.54, -28.09
CIElCh	36, 34.799, 306.165
Yxy	9.2405, 0.2633, 0.2134
Android (android.graphics.Color)	4284435587 (0xFF5F4C83)
YUV	87.9510, 21.2232, 6.1820
Hunter-Lab	30.3981, 13.7477, -22.9096




Details

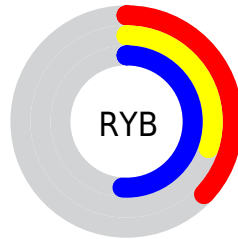
The Hex color **5F4C83** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **70834C**, and the grayscale version is **585858**.




A 20% lighter version of the original color is **937DB8**, and **2E1F51** is the 20% darker color. If you saturate the color by 10%, you get **563F83**, and if you desaturate by 10%, it is **685983**.

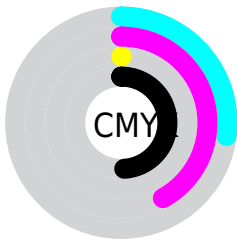
Distribution







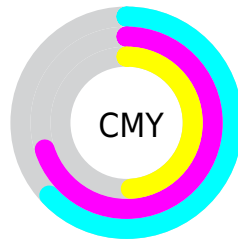
-  Red (37%)
-  Green (30%)
-  Blue (51%)






-  Red (37%)
-  Yellow (30%)
-  Blue (51%)



-  Cyan (27%)
-  Magenta (42%)
-  Yellow (0%)
-  Black (49%)



-  Cyan (63%)
-  Magenta (70%)
-  Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F4C83 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 5F4C83 by changing the saturation by 10% instead.

■ 5F4C83

■ 5F4C83

FFFFFF

■ 46356A

■ 937DB8

■ 2E1F51

■ AE97D4

■ 170A3A

■ CAB2F1

■ 000024

■ E6CDFF

■ 00000B

■ FFEAFF

■ 000000

■ 5F4C83

■ 5F4C83

■ 563F83

■ 685983

■ 4E3283

■ 706683

452583

797383

3D1883

818083

340A83

8A8E83

2D0083

929B83

9BA883

A4B583

ACC283

Harmonies

Analogous

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



2B578D



5F4C83



7C416D

Triad

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



5F4C83



774C22



00645B

Complementary

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



5F4C83



70834C

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.



16623E



5F4C83



60561B

Square

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



5F4C83



864236



435E26



006376

Rectangle

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



5F4C83



873D5B



435E26



006351

Sweetspot

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



5F4C83



9C95AB



4C7183



4E4957



D6D6D6



575757

Same Dimension

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



5F4C83



7355AB



7A4C83



3E3C42



2D0082



010003

Inverse Universe

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



834C70



AB558D



55834C



423C40



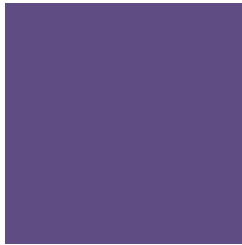
820055



030002

Previews

White Background



This preview shows how the Hex color 5F4C83 looks on a white background.

Color Contrast Check

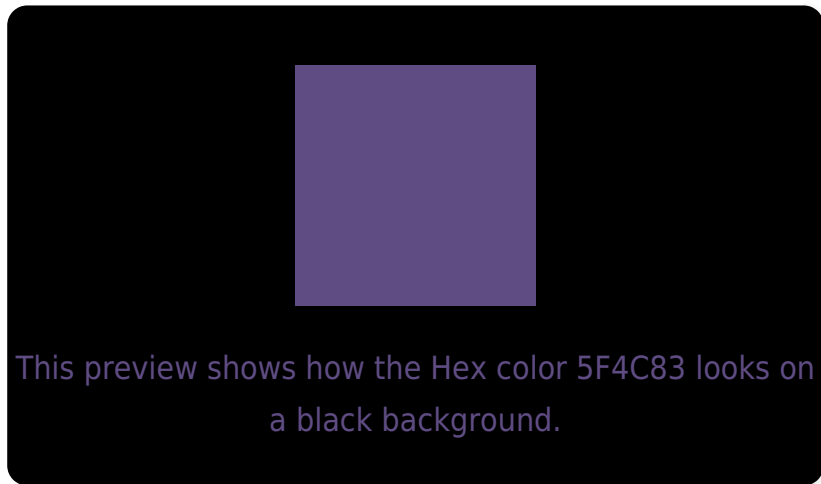
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

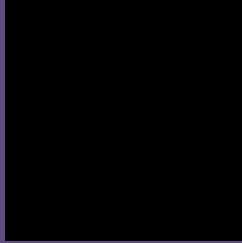
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 5F4C83 Background



This preview shows how black text looks on a background with the Hex color 5F4C83.

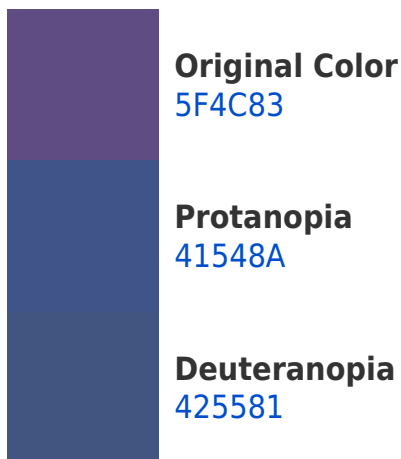


This preview shows how white text looks on a background with the Hex color 5F4C83.

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
57555B

Trichromacy



Original Color
5F4C83

Protanomaly
4C5187

Deuteranomaly
4D5282

Tritanomaly
5A526A

Monochromacy



Original Color
5F4C83

Achromatopsia
585858

Achromatomaly
5B5468

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F4C83 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 #5F4C83 looks like.

```
.text, #text, p{  
    color:#5F4C83  
}
```

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 #5F4C83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F4C83
}
```

Border

The CSS property to change the border of an element to Hex 5F4C83 is called "border". The border property can be set on classes, ids or directly on the HTML element.

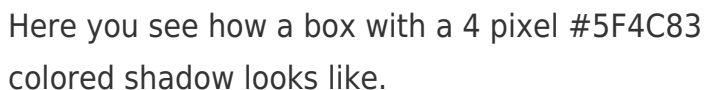
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F4C83 }
```

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

```
.border{ border-color:#5F4C83 }
```

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



Here you see how a box with a 4 pixel #5F4C83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F4C83; -webkit-box-shadow:4px 4px  
4px 4px #5F4C83; box-shadow:4px 4px 4px  
4px #5F4C83 }
```

Background

The CSS property to change the background color of an element to Hex 5F4C83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F4C83 }
```

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

```
.background{ background-color:#5F4C83 }
```

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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