

Converting Colors

Hex(5F347C)

Have a look what the booklet for
Hex(5F347C) contains.

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Color

Hex(5F347C)

Conversions

Conversions Part 1

Format	Color
Hex	5F347C
RGB	95, 52, 124
RGB Percent	37%, 20%, 49%
CMY	0.6275, 0.7961, 0.5137
CMYK	0.23, 0.58, 0.00, 0.51
HSL	276°, 41%, 35%
HSV	276°, 58%, 49%
XYZ	9.5854, 6.3441, 19.7881
YIQ	73.0650, 2.5160, 31.5080

Conversions

Conversions Part 2

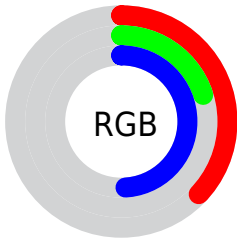
Format	Color
R_{YB}	95, 52, 124
Decimal	6239356
CIE _{Lab}	30.26, 33.32, -33.52
CIE _{LCh}	30, 47.262, 314.827
Yxy	6.3441, 0.2684, 0.1776
Android (android.graphics.Color)	4284429436 (0xFF5F347C)
YUV	73.0650, 25.1110, 19.2370
Hunter-Lab	25.1875, 23.8520, -28.9488

Details

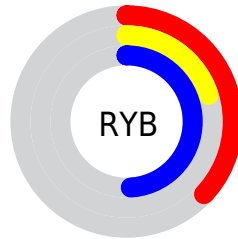
The Hex color **5F347C** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **517C34**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **9365B1**, and **2D044A** is the 20% darker color. If you saturate the color by 10%, you get **5A287C**, and if you desaturate by 10%, it is **64407C**.

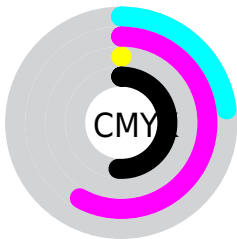
Distribution



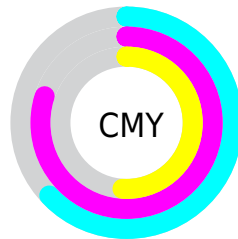
- Red (37%)
- Green (20%)
- Blue (49%)



- Red (37%)
- Yellow (20%)
- Blue (49%)



- Cyan (23%)
- Magenta (58%)
- Yellow (0%)
- Black (51%)



- Cyan (63%)
- Magenta (80%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F347C 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 5F347C by changing the saturation by 10% instead.

■ 5F347C

■ 5F347C

FFFFFF

■ 461D63

■ 9365B1

■ 2D044A

■ AF7ECD

■ 1B0034

■ CB98E9

■ 00021D

■ E7B3FF

■ 000000

■ FFCFFF

■ FFECFF

■ 5F347C

■ 5F347C

■ 5A287C

■ 64407C

■ 551B7C

■ 694D7C

■ 500F7C

■ 6E597C

■ 4B027C

■ 73667C

■ 4A007C

■ 78727C

■ 7D7E7C

■ 828B7C

■ 87977C

■ 8CA47C

Harmonies

Analogous

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



05468F



5F347C



7F215B

Triad

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



5F347C



673F00



005859

Complementary

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



5F347C



517C34

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.



005633



5F347C



474B00

Square

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



5F347C



7E2D14



17530B



00567B

Rectangle

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



5F347C



871B43



17530B



00574C

Sweetspot

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



5F347C



9685A1



34527C



4B4152



D1D1D1



525252

Same Dimension

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



5F347C



7330A1



7C3476



3B373D



4B007D



9700FC

Inverse Universe

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



7C3451



A1305D



347C3A



3D373A



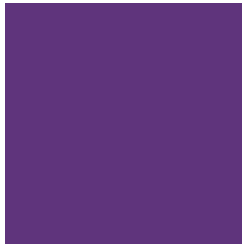
7D0032



FC0066

Previews

White Background



This preview shows how the Hex color 5F347C 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

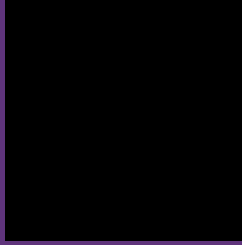
Any Text WCAG AA × Fail

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 5F347C Background



This preview shows how black text looks on a background with the Hex color 5F347C.

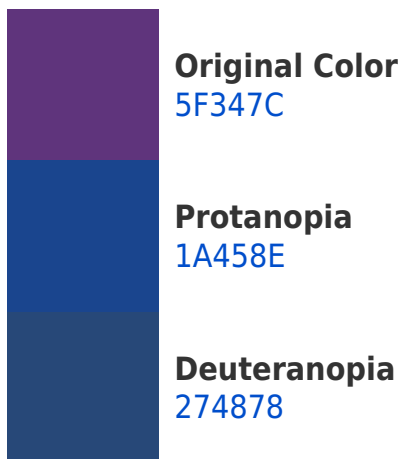


This preview shows how white text looks on a background with the Hex color 5F347C.

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
564247

Trichromacy



Original Color
5F347C

Protanomaly
333F87

Deuteranomaly
3B4179

Tritanomaly
593D5A

Monochromacy



Original Color
5F347C

Achromatopsia
494949

Achromatomaly
51415C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F347C 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 #5F347C looks like.

```
.text, #text, p{  
    color:#5F347C  
}
```

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 #5F347C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F347C
}
```

Border

The CSS property to change the border of an element to Hex 5F347C is called "border". The border property can be set on classes, ids or directly on the HTML element.

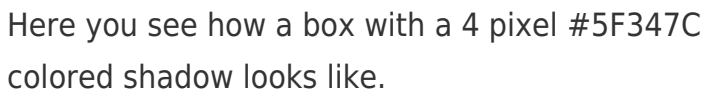
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F347C }
```

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

```
.border{ border-color:#5F347C }
```

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



Here you see how a box with a 4 pixel #5F347C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F347C; -webkit-box-shadow:4px 4px  
4px 4px #5F347C; box-shadow:4px 4px 4px  
4px #5F347C }
```

Background

The CSS property to change the background color of an element to Hex 5F347C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F347C }
```

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

```
.background{ background-color:#5F347C }
```

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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