

Converting Colors

Hex(5F337B)

Have a look what the booklet for
Hex(5F337B) contains.

Hex(5F337B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5F337B)

Conversions

Conversions Part 1

Format	Color
Hex	5F337B
RGB	95, 51, 123
RGB Percent	37%, 20%, 48%
CMY	0.6275, 0.8000, 0.5176
CMYK	0.23, 0.59, 0.00, 0.52
HSL	277°, 41%, 34%
HSV	277°, 59%, 48%
XYZ	9.4783, 6.2306, 19.4420
YIQ	72.3640, 3.1120, 31.7200

Conversions

Conversions Part 2

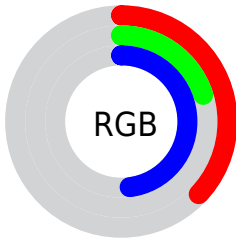
Format	Color
RYB	95, 51, 123
Decimal	6239099
CIELab	29.99, 33.64, -33.33
CIElCh	30, 47.362, 315.266
Yxy	6.2306, 0.2696, 0.1773
Android (android.graphics.Color)	4284429179 (0xFF5F337B)
YUV	72.3640, 24.9635, 19.8518
Hunter-Lab	24.9612, 24.0982, -28.7074

Details

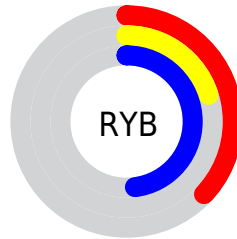
The Hex color **5F337B** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4F7B33**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **9364B0**, and **2D034A** is the 20% darker color. If you saturate the color by 10%, you get **5A277B**, and if you desaturate by 10%, it is **643F7B**.

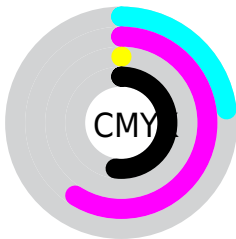
Distribution



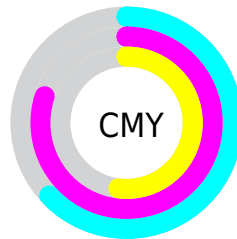
- Red (37%)
- Green (20%)
- Blue (48%)



- Red (37%)
- Yellow (20%)
- Blue (48%)



- Cyan (23%)
- Magenta (59%)
- Yellow (0%)
- Black (52%)



- Cyan (63%)
- Magenta (80%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F337B 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 5F337B by changing the saturation by 10% instead.

■ 5F337B

■ 5F337B

FFFFFF

■ 461C62

■ 9364B0

■ 2D034A

■ AF7DCC

■ 1B0033

■ CB97E8

■ 00021D

■ E7B2FF

■ 000000

■ FFCEFF

■ FFE8FF

■ 5F337B

■ 5F337B

■ 5A277B

■ 643F7B

■ 551A7B

■ 694C7B

■ 510E7B

■ 6D587B

■ 4C027B

■ 72647B

■ 4B007B

■ 77717B

■ 7C7D7B

■ 80897B

■ 85957B

■ 8AA27B

Harmonies

Analogous

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



07458E



5F337B



7F205A

Triad

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



5F337B



653E00



005759

Complementary

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



5F337B



4F7B33

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



5F337B



454B00

Square

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



5F337B



7D2D12



15520A



00567B

Rectangle

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



5F337B



861A42



15520A



00574C

Sweetspot

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



5F337B



9584A1



33507B



4B4052



D1D1D1



525252

Same Dimension

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



5F337B



7530A1



7B3374



3B373D



4C007D



9A00FC

Inverse Universe

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



7B334F



A1305C



337B3A



3D3739



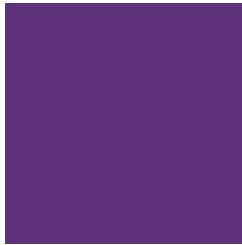
7D0031



FC0062

Previews

White Background



This preview shows how the Hex color 5F337B 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

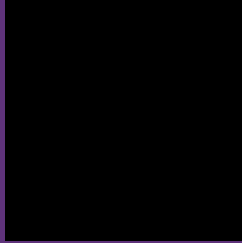
Any Text WCAG AA × Fail

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 5F337B Background



This preview shows how black text looks on a background with the Hex color 5F337B.

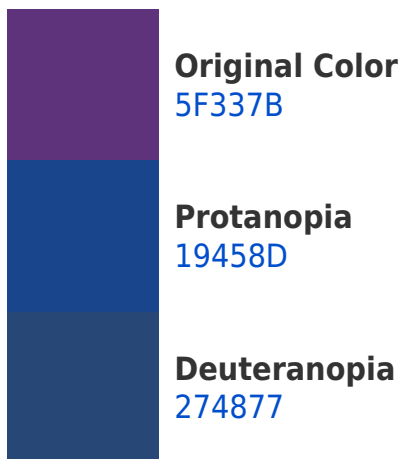


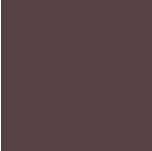
This preview shows how white text looks on a background with the Hex color 5F337B.

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
564146

Trichromacy



Original Color
5F337B

Protanomaly
323E86

Deuteranomaly
3B4078

Tritanomaly
593C59

Monochromacy



Original Color
5F337B

Achromatopsia
484848

Achromatomaly
50405B

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F337B 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 #5F337B looks like.

```
.text, #text, p{  
    color:#5F337B  
}
```

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 #5F337B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F337B
}
```

Border

The CSS property to change the border of an element to Hex 5F337B 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".

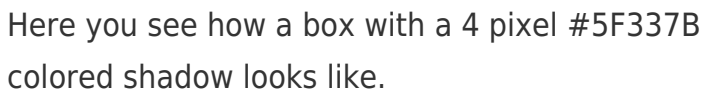
```
.border, #border, table{ border:4px solid
#5F337B }
```

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

```
.border{ border-color:#5F337B }
```

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

Here you see how a box with a 4 pixel #5F337B colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and left sides, and a thicker purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F337B; -webkit-box-shadow:4px 4px  
4px 4px #5F337B; box-shadow:4px 4px 4px  
4px #5F337B }
```

Background

The CSS property to change the background color of an element to Hex 5F337B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F337B }
```

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

```
.background{ background-color:#5F337B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor