

Converting Colors

Hex(5F2C7A)

Have a look what the booklet for
Hex(5F2C7A) contains.

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Color

Hex(5F2C7A)

Conversions

Conversions Part 1

Format	Color
Hex	5F2C7A
RGB	95, 44, 122
RGB Percent	37%, 17%, 48%
CMY	0.6275, 0.8275, 0.5216
CMYK	0.22, 0.64, 0.00, 0.52
HSL	279°, 47%, 33%
HSV	279°, 64%, 48%
XYZ	9.1328, 5.6394, 19.0195
YIQ	68.1410, 5.3580, 35.0700

Conversions

Conversions Part 2

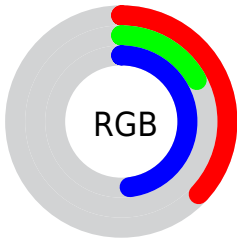
Format	Color
RYB	95, 44, 122
Decimal	6237306
CIELab	28.48, 37.27, -35.10
CIELCh	28, 51.200, 316.716
Yxy	5.6394, 0.2703, 0.1669
Android (android.graphics.Color)	4284427386 (0xFF5F2C7A)
YUV	68.1410, 26.5525, 23.5553
Hunter-Lab	23.7474, 27.0900, -30.8627

Details

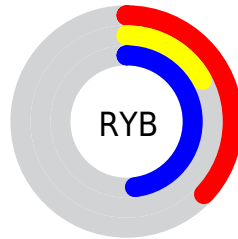
The Hex color **5F2C7A** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **477A2C**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **945DAF**, and **2D0049** is the 20% darker color. If you saturate the color by 10%, you get **5B207A**, and if you desaturate by 10%, it is **63387A**.

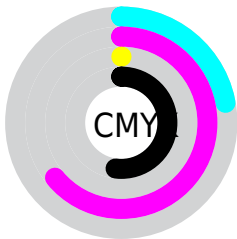
Distribution



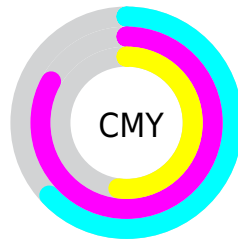
- Red (37%)
- Green (17%)
- Blue (48%)



- Red (37%)
- Yellow (17%)
- Blue (48%)



- Cyan (22%)
- Magenta (64%)
- Yellow (0%)
- Black (52%)



- Cyan (63%)
- Magenta (83%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F2C7A 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 5F2C7A by changing the saturation by 10% instead.

■ 5F2C7A

■ 5F2C7A

FFFFFF

■ 461361

■ 945DAF

■ 2D0049

■ AF76CB

■ 190032

■ CB91E7

■ 00011C

■ E8ACFF

■ 000000

■ FFC7FF

■ FFE4FF

■ 5F2C7A

■ 5F2C7A

■ 5B207A

■ 63387A

■ 57147A

■ 67447A

■ 52077A

■ 6C517A

■ 50007A

■ 705D7A

■ 74697A

■ 78757A

■ 7D817A

■ 818E7A

■ 859A7A

Harmonies

Analogous

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



004190



5F2C7A



7F1256

Triad

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



5F2C7A



623B00



005459

Complementary

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



5F2C7A



477A2C

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.



005330



5F2C7A



3F4800

Square

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



5F2C7A



7B2707



004F01



00537C

Rectangle

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



5F2C7A



87093C



004F01



00544B

Sweetspot

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



5F2C7A



94809E



2C477A



493D4F



CFCFCF



4F4F4F

Same Dimension

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



5F2C7A



74249E



7A2C6E



3B373D



52007D



A500FC

Inverse Universe

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



7A2C47



9E244F



2C7A38



3D3739



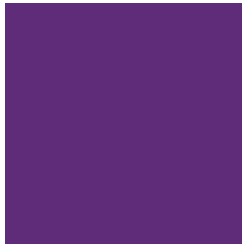
7D002B



FC0057

Previews

White Background



This preview shows how the Hex color 5F2C7A 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

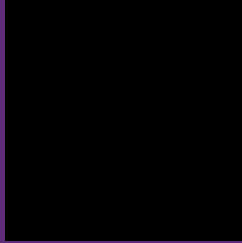
Any Text WCAG AA × Fail

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 5F2C7A Background



This preview shows how black text looks on a background with the Hex color 5F2C7A.

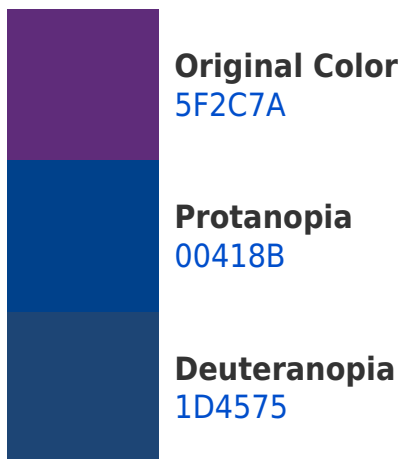


This preview shows how white text looks on a background with the Hex color 5F2C7A.

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
563D42

Trichromacy



Original Color
5F2C7A



Protanomaly
233985



Deuteranomaly
353C77



Tritanomaly
593756

Monochromacy



Original Color
5F2C7A



Achromatopsia
444444



Achromatomaly
4E3B58

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F2C7A 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 #5F2C7A looks like.

```
.text, #text, p{  
    color:#5F2C7A  
}
```

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 #5F2C7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F2C7A
}
```

Border

The CSS property to change the border of an element to Hex 5F2C7A 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
#5F2C7A }
```

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

```
.border{ border-color:#5F2C7A }
```

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

Here you see how a box with a 4 pixel #5F2C7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F2C7A; -webkit-box-shadow:4px 4px  
4px 4px #5F2C7A; box-shadow:4px 4px 4px  
4px #5F2C7A }
```

Background

The CSS property to change the background color of an element to Hex 5F2C7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F2C7A }
```

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

```
.background{ background-color:#5F2C7A }
```

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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