

# Converting Colors

Hex(5F2D7C)

Have a look what the booklet for  
Hex(5F2D7C) contains.

<b>Hex(5F2D7C)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(5F2D7C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5F2D7C
RGB	95, 45, 124
RGB Percent	37%, 18%, 49%
CMY	0.6275, 0.8235, 0.5137
CMYK	0.23, 0.64, 0.00, 0.51
HSL	278°, 47%, 33%
HSV	278°, 64%, 49%
XYZ	9.2958, 5.7649, 19.6916
YIQ	68.9560, 4.4410, 35.1690

# Conversions

## Conversions Part 2

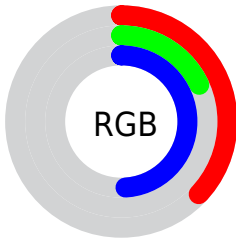
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	95, 45, 124
Decimal	6237564
CIE <sub>Lab</sub>	28.81, 37.21, -35.84
CIE <sub>LCh</sub>	29, 51.667, 316.077
Yxy	5.7649, 0.2675, 0.1659
Android (android.graphics.Color)	4284427644 (0xFF5F2D7C)
YUV	68.9560, 27.1367, 22.8406
Hunter-Lab	24.0102, 27.0902, -31.8186

# Details

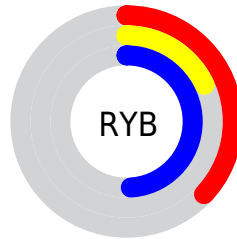
The Hex color **5F2D7C** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **4A7C2D**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **945EB1**, and **2D004A** is the 20% darker color. If you saturate the color by 10%, you get **5A217C**, and if you desaturate by 10%, it is **64397C**.

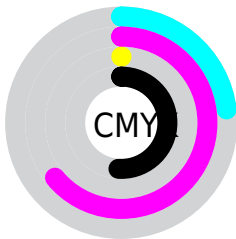
# Distribution



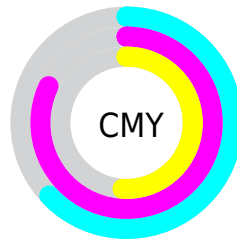
- Red (37%)
- Green (18%)
- Blue (49%)



- Red (37%)
- Yellow (18%)
- Blue (49%)



- Cyan (23%)
- Magenta (64%)
- Yellow (0%)
- Black (51%)



- Cyan (63%)
- Magenta (82%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F2D7C 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 5F2D7C by changing the saturation by 10% instead.



■ 5F2D7C

■ 5F2D7C

FFFFFF

■ 461563

■ 945EB1

■ 2D004A

■ AF77CD

■ 190033

■ CB92E9

■ 00021D

■ E8ADFF

■ 000000

■ FFC8FF

■ FFE5FF

■ 5F2D7C

■ 5F2D7C

■ 5A217C

■ 64397C

■ 56147C

■ 68467C

■ 51087C

■ 6D527C

■ 4E007C

■ 715F7C

■ 766B7C

■ 7A777C

■ 7F847C

■ 83907C

■ 889D7C

# Harmonies

## Analogous

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



004292



5F2D7C



801258

# Triad

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



5F2D7C



633B00



005559

# Complementary

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



5F2D7C



4A7C2D

# 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.



00542F



5F2D7C



414900

# Square

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



5F2D7C



7C2708



005000



00547D

# Rectangle

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



5F2D7C



88083E



005000



00554B



# Sweetspot

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



5F2D7C



9582A1



2D4B7C



4B3F52



D1D1D1



525252



# Same Dimension

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



5F2D7C



7427A1



7C2D73



3B373D



4F007D



A000FC



# Inverse Universe

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



7C2D4A



A12753



2D7C36



3D3739



7D002E

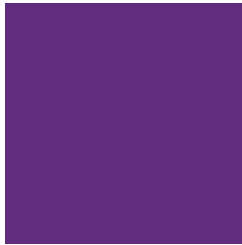


FC005D



# Previews

## White Background



This preview shows how the Hex color 5F2D7C 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

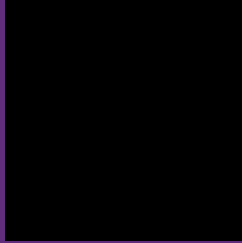
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5F2D7C Background



This preview shows how black text looks on a background with the Hex color 5F2D7C.

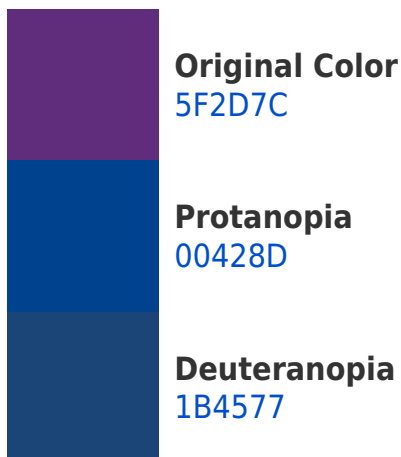


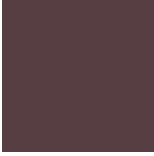
This preview shows how white text looks on a background with the Hex color 5F2D7C.

# 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](#).

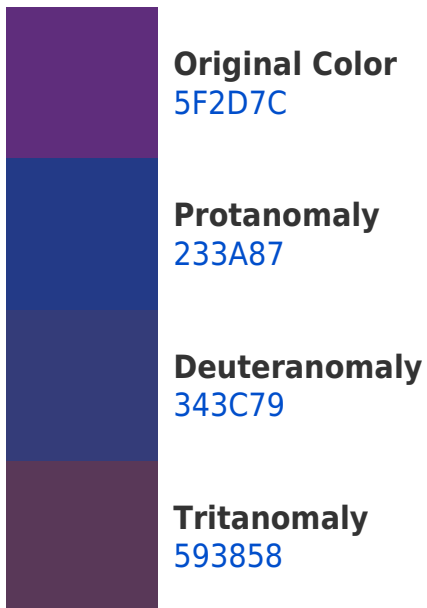
## Dichromacy



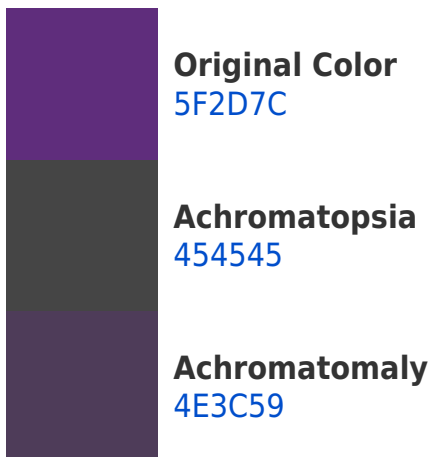


**Tritanopia**  
563E43

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F2D7C 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 #5F2D7C looks like.

```
.text, #text, p{  
    color:#5F2D7C  
}
```

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 #5F2D7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F2D7C
}
```

## Border

The CSS property to change the border of an element to Hex 5F2D7C is called "border". The border property can be set on classes, ids or directly on the HTML element.

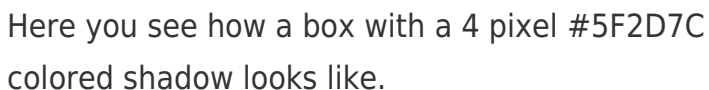
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F2D7C }
```

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

```
.border{ border-color:#5F2D7C }
```

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



Here you see how a box with a 4 pixel #5F2D7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F2D7C; -webkit-box-shadow:4px 4px  
4px 4px #5F2D7C; box-shadow:4px 4px 4px  
4px #5F2D7C }
```

# Background

The CSS property to change the background color of an element to Hex 5F2D7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F2D7C }
```

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

```
.background{ background-color:#5F2D7C }
```

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