

# Converting Colors

Hex(5F4079)

Have a look what the booklet for  
Hex(5F4079) contains.

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# Color

**Hex(5F4079)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5F4079
RGB	95, 64, 121
RGB Percent	37%, 25%, 47%
CMY	0.6275, 0.7490, 0.5255
CMYK	0.21, 0.47, 0.00, 0.53
HSL	273°, 31%, 36%
HSV	273°, 47%, 47%
XYZ	10.0039, 7.4802, 19.0057
YIQ	79.7670, 0.1790, 24.2990

# Conversions

## Conversions Part 2

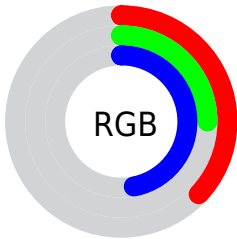
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	95, 64, 121
Decimal	6242425
CIE <sub>Lab</sub>	32.88, 25.40, -27.50
CIE <sub>LCh</sub>	33, 37.440, 312.723
Yxy	7.4802, 0.2742, 0.2050
Android (android.graphics.Color)	4284432505 (0xFF5F4079)
YUV	79.7670, 20.3279, 13.3593
Hunter-Lab	27.3499, 17.4285, -22.0563

# Details

The Hex color **5F4079** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **5A7940**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **9371AE**, and **2F1348** is the 20% darker color. If you saturate the color by 10%, you get **593479**, and if you desaturate by 10%, it is **654C79**.

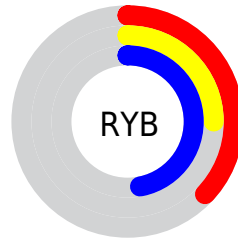
# Distribution



Red (37%)

Green (25%)

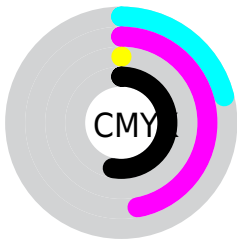
Blue (47%)



Red (37%)

Yellow (25%)

Blue (47%)

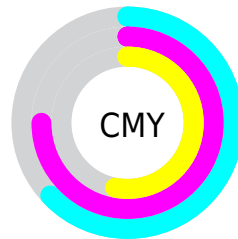


Cyan (21%)

Magenta (47%)

Yellow (0%)

Black (53%)



Cyan (63%)

Magenta (75%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F4079 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 5F4079 by changing the saturation by 10% instead.



■ 5F4079

■ 5F4079

FFFFFF

■ 462960

■ 9371AE

■ 2F1348

■ AE8AC9

■ 1A0031

■ CAA5E5

■ 00011C

■ E6C0FF

■ 000000

■ FFDCFF

■ FFF9FF

■ 5F4079

■ 5F4079

■ 593479

■ 654C79

■ 542879

■ 6A5879

■ 4E1C79

■ 706479

■ 491079

■ 757079

■ 430379

■ 7B7C79

■ 420079

■ 808979

■ 869579

■ 8BA179

■ 91AD79

# Harmonies

## Analogous

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



2B4C87



5F4079



7A3560

# Triad

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



5F4079



6B4611



005C59

# Complementary

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



5F4079



5A7940

# 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.



005A3B



5F4079



51500D

# Square

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



5F4079



7D3A26



30571F



005A75

# Rectangle

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



5F4079



82314C



30571F



005B4F



# Sweetspot

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



5F4079



94889E



405B79



49424F



CFCFCF



4F4F4F



# Same Dimension

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



5F4079



75449E



794077



3A373D



44007D



8900FC



# Inverse Universe

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



79405A



9E446D



407942



3D373A



7D0039

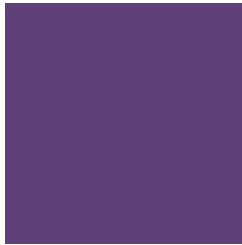


FC0073



# Previews

## White Background



This preview shows how the Hex color 5F4079 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

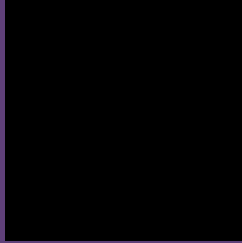
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5F4079 Background



This preview shows how black text looks on a background with the Hex color 5F4079.

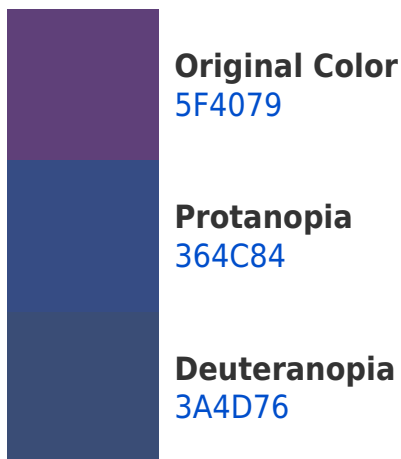


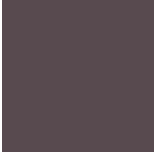
This preview shows how white text looks on a background with the Hex color 5F4079.

# 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**  
584A4F

# Trichromacy



**Original Color**  
5F4079

**Protanomaly**  
454880

**Deuteranomaly**  
474877

**Tritanomaly**  
5B465E

# Monochromacy



**Original Color**  
5F4079

**Achromatopsia**  
505050

**Achromatomaly**  
554A5F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F4079 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 #5F4079 looks like.

```
.text, #text, p{  
    color:#5F4079  
}
```

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 #5F4079 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F4079
}
```

## Border

The CSS property to change the border of an element to Hex 5F4079 is called "border". The border property can be set on classes, ids or directly on the HTML element.

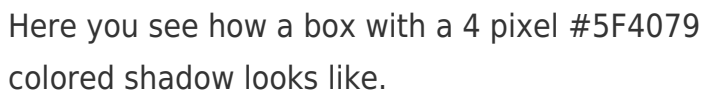
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F4079 }
```

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

```
.border{ border-color:#5F4079 }
```

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



Here you see how a box with a 4 pixel #5F4079 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F4079; -webkit-box-shadow:4px 4px  
4px 4px #5F4079; box-shadow:4px 4px 4px  
4px #5F4079 }
```

# Background

The CSS property to change the background color of an element to Hex 5F4079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F4079 }
```

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

```
.background{ background-color:#5F4079 }
```

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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