

# Converting Colors

Hex(5F4E7E)

Have a look what the booklet for  
Hex(5F4E7E) contains.

<b>Hex(5F4E7E)</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(5F4E7E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5F4E7E
RGB	95, 78, 126
RGB Percent	37%, 31%, 49%
CMY	0.6275, 0.6941, 0.5059
CMYK	0.25, 0.38, 0.00, 0.51
HSL	261°, 24%, 40%
HSV	261°, 38%, 49%
XYZ	11.2096, 9.3880, 20.9599
YIQ	88.5550, -5.2760, 18.5320

# Conversions

## Conversions Part 2

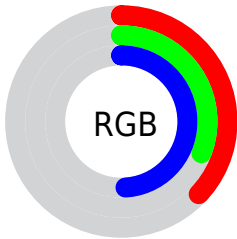
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	95, 78, 126
Decimal	6246014
CIE <sub>Lab</sub>	36.72, 17.95, -24.58
CIE <sub>LCh</sub>	37, 30.441, 306.145
Yxy	9.3880, 0.2697, 0.2259
Android (android.graphics.Color)	4284436094 (0xFF5F4E7E)
YUV	88.5550, 18.4604, 5.6523
Hunter-Lab	30.6399, 11.6844, -19.1108

# Details

The Hex color **5F4E7E** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **6D7E4E**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **927FB3**, and **2F214D** is the 20% darker color. If you saturate the color by 10%, you get **57417E**, and if you desaturate by 10%, it is **675B7E**.

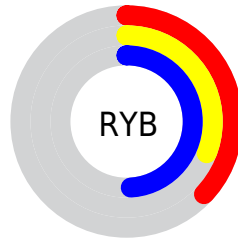
# Distribution



Red (37%)

Green (31%)

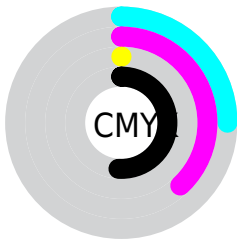
Blue (49%)



Red (37%)

Yellow (31%)

Blue (49%)

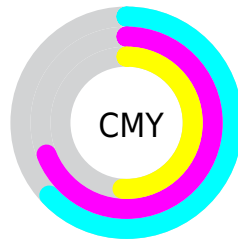


Cyan (25%)

Magenta (38%)

Yellow (0%)

Black (51%)



Cyan (63%)

Magenta (69%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F4E7E 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 5F4E7E by changing the saturation by 10% instead.



■ 5F4E7E

■ 5F4E7E

FFFFFF

■ 473765

■ 927FB3

■ 2F214D

■ AD99CF

■ 180D36

■ C9B4EB

■ 000020

■ E5D0FF

■ 000004

■ FFECFF

■ 000000

■ 5F4E7E

■ 5F4E7E

■ 57417E

■ 675B7E

■ 4F357E

■ 6F677E

47287E

77747E

3E1C7E

80807E

360F7E

888D7E

2E027E

909A7E

2D007E

98A67E

A0B37E

A8BF7E

# Harmonies

## Analogous

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



365787



5F4E7E



79456B

# Triad

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



5F4E7E



754E2A



00635B

# Complementary

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



5F4E7E



6D7E4E

# 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.



256142



5F4E7E



605724

# Square

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



5F4E7E



82463B



465D2D



006273

# Rectangle

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



5F4E7E



82425B



465D2D



006352



# Sweetspot

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



5F4E7E



9891A3



4E6D7E



4B4752



D1D1D1



525252



# Same Dimension

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



5F4E7E



7358A3



774E7E



3C3940



2D0080



000000



# Inverse Universe

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



7E4E6D



A35889



557E4E



40393D



800052



000000



# Previews

## White Background



This preview shows how the Hex color 5F4E7E 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

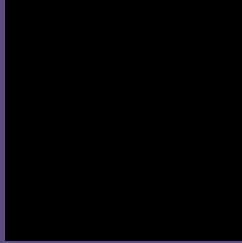
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5F4E7E Background



This preview shows how black text looks on a background with the Hex color 5F4E7E.



This preview shows how white text looks on a background with the Hex color 5F4E7E.

# 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



**Original Color**  
5F4E7E

**Protanopia**  
465584

**Deuteranopia**  
48567C



**Tritanopia**  
59555C

# Trichromacy



**Original Color**  
5F4E7E

**Protanomaly**  
4F5282

**Deuteranomaly**  
50537D

**Tritanomaly**  
5B5268

# Monochromacy



**Original Color**  
5F4E7E

**Achromatopsia**  
595959

**Achromatomaly**  
5B5566

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F4E7E 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 #5F4E7E looks like.

```
.text, #text, p{  
    color:#5F4E7E  
}
```

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 #5F4E7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F4E7E
}
```

## Border

The CSS property to change the border of an element to Hex 5F4E7E is called "border". The border property can be set on classes, ids or directly on the HTML element.

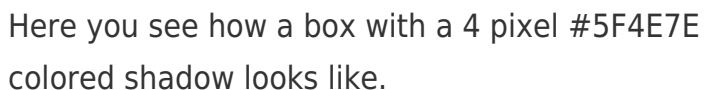
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F4E7E }
```

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

```
.border{ border-color:#5F4E7E }
```

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



Here you see how a box with a 4 pixel #5F4E7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F4E7E; -webkit-box-shadow:4px 4px  
4px 4px #5F4E7E; box-shadow:4px 4px 4px  
4px #5F4E7E }
```

# Background

The CSS property to change the background color of an element to Hex 5F4E7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F4E7E }
```

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

```
.background{ background-color:#5F4E7E }
```

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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