

# Converting Colors

Hex(5F147D)

Have a look what the booklet for  
Hex(5F147D) contains.

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# Color

**Hex(5F147D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5F147D
RGB	95, 20, 125
RGB Percent	37%, 8%, 49%
CMY	0.6275, 0.9216, 0.5098
CMYK	0.24, 0.84, 0.00, 0.51
HSL	283°, 72%, 28%
HSV	283°, 84%, 49%
XYZ	8.6711, 4.4139, 19.7970
YIQ	54.3950, 10.9950, 48.5550

# Conversions

## Conversions Part 2

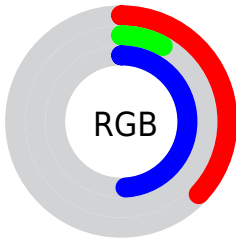
<b>Format</b>	<b>Color</b>
<b>RYB</b>	95, 20, 125
Decimal	6231165
CIELab	25.00, 48.38, -42.62
CIELCh	25, 64.480, 318.622
Yxy	4.4139, 0.2637, 0.1342
Android (android.graphics.Color)	4284421245 (0xFF5F147D)
YUV	54.3950, 34.8083, 35.6106
Hunter-Lab	21.0092, 36.9062, -41.1625

# Details

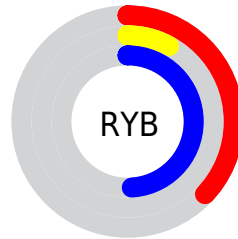
The Hex color **5F147D** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **327D14**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **954AB2**, and **2B004B** is the 20% darker color. If you saturate the color by 10%, you get **5B087D**, and if you desaturate by 10%, it is **63217D**.

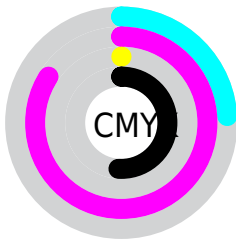
# Distribution



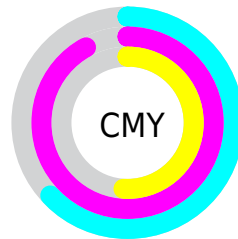
- Red (37%)
- Green (8%)
- Blue (49%)



- Red (37%)
- Yellow (8%)
- Blue (49%)



- Cyan (24%)
- Magenta (84%)
- Yellow (0%)
- Black (51%)



- Cyan (63%)
- Magenta (92%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F147D 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 5F147D by changing the saturation by 10% instead.



5F147D

5F147D

FFFFFF

450064

954AB2

2B004B

B164CE

100034

CD7EEB

00021D

EA99FF

000000

FFB5FF

FFD1FF

FFEEFF

5F147D

5F147D

■ 5B087D

■ 63217D

■ 59007D

■ 662D7D

■ 6A397D

■ 6D467D

■ 71527D

■ 745F7D

■ 786C7D

■ 7C787D

■ 7F857D

# Harmonies

## Analogous

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



00389A



5F147D



850050

# Triad

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



5F147D



593300



004E59

# Complementary

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



5F147D



327D14

# 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.



004C26



5F147D



2D4200

# Square

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



5F147D



791000



004900



004D85

# Rectangle

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



5F147D



8B0030



004900



004D49



# Sweetspot

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



5F147D



987AA3



14337D



4B3952



D1D1D1



525252



# Same Dimension

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



5F147D



7500A3



7D1468



3E3940



5B0080



000000



# Inverse Universe

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



7D1432



A3002F



147D29



40393B



800024

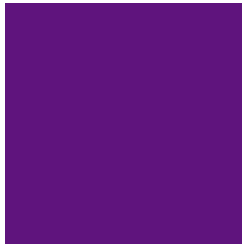


000000



# Previews

## White Background



This preview shows how the Hex color 5F147D looks on a white background.

## Color Contrast Check

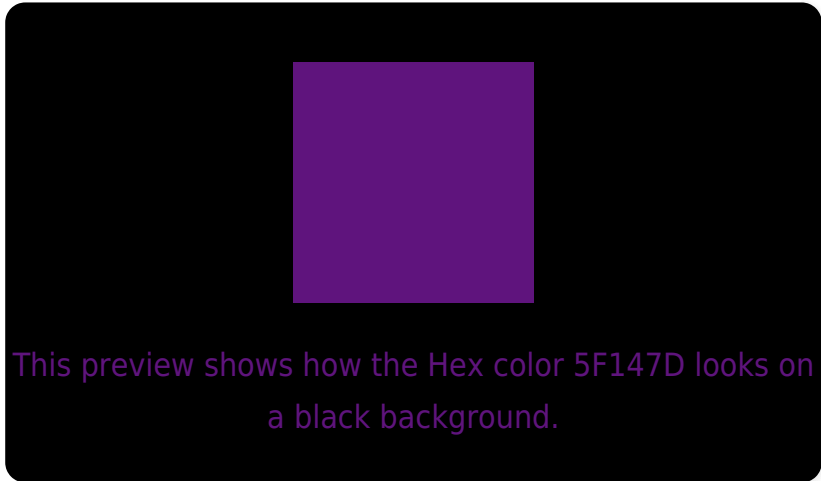
Large Text (above 18pt) WCAG AA ✓ Pass

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

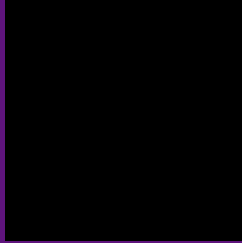
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5F147D Background



This preview shows how black text looks on a background with the Hex color 5F147D.

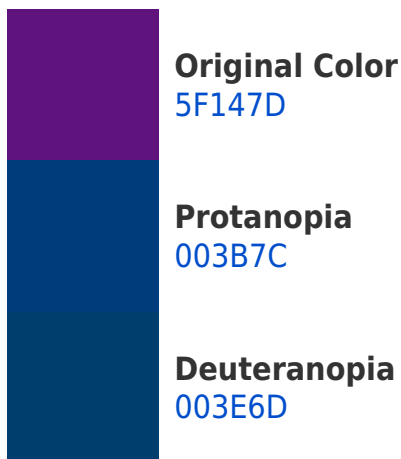



This preview shows how white text looks on a background with the Hex color 5F147D.

# 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**  
543337

# Trichromacy



**Original Color**  
5F147D



**Protanomaly**  
232D7C



**Deuteranomaly**  
232F73



**Tritanomaly**  
582850

# Monochromacy



**Original Color**  
5F147D



**Achromatopsia**  
363636



**Achromatomaly**  
452A50

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F147D 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 #5F147D looks like.

```
.text, #text, p{  
    color:#5F147D  
}
```

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 #5F147D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F147D
}
```

## Border

The CSS property to change the border of an element to Hex 5F147D is called "border". The border property can be set on classes, ids or directly on the HTML element.

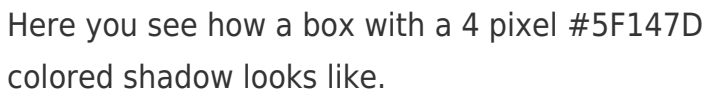
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F147D }
```

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

```
.border{ border-color:#5F147D }
```

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



Here you see how a box with a 4 pixel #5F147D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F147D; -webkit-box-shadow:4px 4px  
4px 4px #5F147D; box-shadow:4px 4px 4px  
4px #5F147D }
```

# Background

The CSS property to change the background color of an element to Hex 5F147D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F147D }
```

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

```
.background{ background-color:#5F147D }
```

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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