

# Converting Colors

Hex(5F357B)

Have a look what the booklet for  
Hex(5F357B) contains.

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# Color

**Hex(5F357B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5F357B
RGB	95, 53, 123
RGB Percent	37%, 21%, 48%
CMY	0.6275, 0.7922, 0.5176
CMYK	0.23, 0.57, 0.00, 0.52
HSL	276°, 40%, 35%
HSV	276°, 57%, 48%
XYZ	9.5676, 6.4092, 19.4717
YIQ	73.5380, 2.5620, 30.6740

# Conversions

## Conversions Part 2

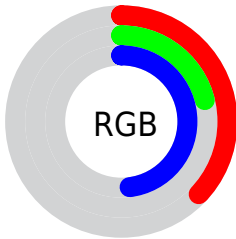
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	95, 53, 123
Decimal	6239611
CIE <sub>Lab</sub>	30.42, 32.49, -32.64
CIE <sub>LCh</sub>	30, 46.058, 314.871
Yxy	6.4092, 0.2699, 0.1808
Android (android.graphics.Color)	4284429691 (0xFF5F357B)
YUV	73.5380, 24.3848, 18.8222
Hunter-Lab	25.3163, 23.1553, -27.8807

# Details

The Hex color **5F357B** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **517B35**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **9365B0**, and **2D064A** is the 20% darker color. If you saturate the color by 10%, you get **5A297B**, and if you desaturate by 10%, it is **64417B**.

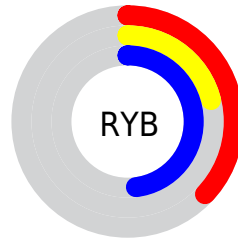
# Distribution



Red (37%)

Green (21%)

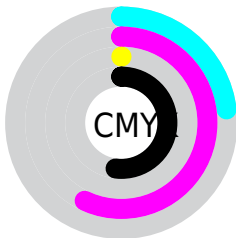
Blue (48%)



Red (37%)

Yellow (21%)

Blue (48%)

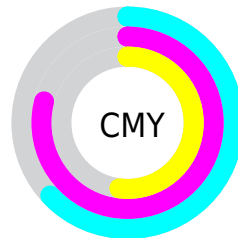


Cyan (23%)

Magenta (57%)

Yellow (0%)

Black (52%)



Cyan (63%)

Magenta (79%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F357B 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 5F357B by changing the saturation by 10% instead.



■ 5F357B

■ 5F357B

FFFFFF

■ 461E62

■ 9365B0

■ 2D064A

■ AF7FCC

■ 1B0033

■ CB99E8

■ 00021D

■ E7B4FF

■ 000000

■ FFD0FF

■ FFEDFF

■ 5F357B

■ 5F357B

■ 5A297B

■ 64417B

■ 551C7B

■ 694E7B

■ 50107B

■ 6E5A7B

■ 4B047B

■ 73667B

■ 4A007B

■ 78737B

■ 7D7F7B

■ 818B7B

■ 86977B

■ 8BA47B

# Harmonies

## Analogous

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



0F468E



5F357B



7E235B

# Triad

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



5F357B



663F00



005859

# Complementary

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



5F357B



517B35

# 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.



005734



5F357B



474B00

# Square

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



5F357B



7D2F15



1A530E



00567A

# Rectangle

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



5F357B



861E43



1A530E



00584D



# Sweetspot

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



5F357B



9685A1



35517B



4B4152



D1D1D1



525252



# Same Dimension

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



5F357B



7533A1



7B3574



3B373D



4B007D



9700FC



# Inverse Universe

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



7B3551



A1335F



357B3C



3D373A



7D0032

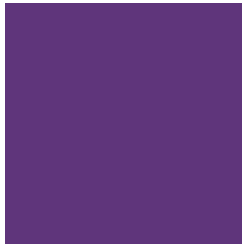


FC0065



# Previews

## White Background



This preview shows how the Hex color 5F357B 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

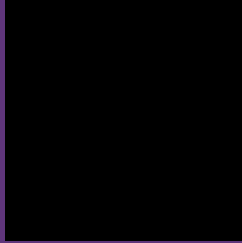
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5F357B Background



This preview shows how black text looks on a background with the Hex color 5F357B.



This preview shows how white text looks on a background with the Hex color 5F357B.

# 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](#).

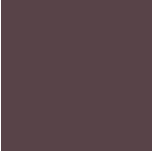
## Dichromacy



**Original Color**  
5F357B

**Protanopia**  
1F468C

**Deuteranopia**  
2A4977



**Tritanopia**  
574348

# Trichromacy



**Original Color**  
5F357B

**Protanomaly**  
364086

**Deuteranomaly**  
3D4278

**Tritanomaly**  
5A3E5B

# Monochromacy



**Original Color**  
5F357B

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
52425C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F357B 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 #5F357B looks like.

```
.text, #text, p{  
    color:#5F357B  
}
```

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 #5F357B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F357B
}
```

## Border

The CSS property to change the border of an element to Hex 5F357B 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".

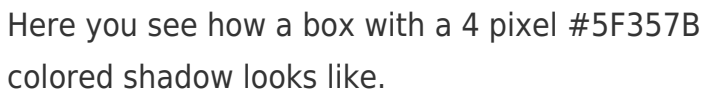
```
.border, #border, table{ border:4px solid
#5F357B }
```

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

```
.border{ border-color:#5F357B }
```

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

Here you see how a box with a 4 pixel #5F357B colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border and a thicker purple shadow on the right and bottom sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F357B; -webkit-box-shadow:4px 4px  
4px 4px #5F357B; box-shadow:4px 4px 4px  
4px #5F357B }
```

# Background

The CSS property to change the background color of an element to Hex 5F357B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F357B }
```

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

```
.background{ background-color:#5F357B }
```

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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