

# Converting Colors

Hex(5F537B)

Have a look what the booklet for  
Hex(5F537B) contains.

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# Color

**Hex(5F537B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5F537B
RGB	95, 83, 123
RGB Percent	37%, 33%, 48%
CMY	0.6275, 0.6745, 0.5176
CMYK	0.23, 0.33, 0.00, 0.52
HSL	258°, 19%, 40%
HSV	258°, 33%, 48%
XYZ	11.3877, 10.0495, 20.0784
YIQ	91.1480, -5.6880, 14.9840

# Conversions

## Conversions Part 2

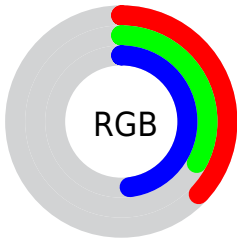
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	95, 83, 123
Decimal	6247291
CIE <sub>Lab</sub>	37.93, 14.03, -20.85
CIE <sub>LCh</sub>	38, 25.134, 303.934
Yxy	10.0495, 0.2743, 0.2421
Android (android.graphics.Color)	4284437371 (0xFF5F537B)
YUV	91.1480, 15.7030, 3.3782
Hunter-Lab	31.7009, 8.6449, -15.3619

# Details

The Hex color **5F537B** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **6F7B53**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **9285B0**, and **30264A** is the 20% darker color. If you saturate the color by 10%, you get **56477B**, and if you desaturate by 10%, it is **685F7B**.

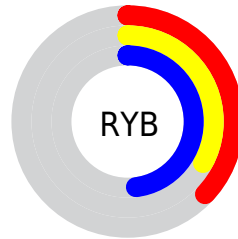
# Distribution



Red (37%)

Green (33%)

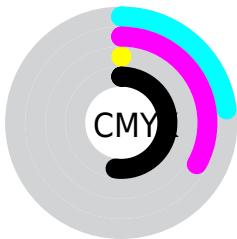
Blue (48%)



Red (37%)

Yellow (33%)

Blue (48%)

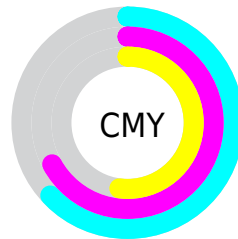


Cyan (23%)

Magenta (33%)

Yellow (0%)

Black (52%)



Cyan (63%)

Magenta (67%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F537B 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 5F537B by changing the saturation by 10% instead.



■ 5F537B

■ 5F537B

FFFFFF

■ 473C62

■ 9285B0

■ 30264A

■ AD9FCB

■ 191233

■ C8BAE7

■ 00001E

■ E5D5FF

■ 000000

■ FFF2FF

■ 5F537B

■ 5F537B

■ 56477B

■ 685F7B

■ 4E3A7B

■ 706C7B

452E7B

79787B

3D227B

81847B

34167B

8A917B

2B097B

939D7B

25007B

9BA97B

A4B57B

ACC27B

# Harmonies

## Analogous

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



3F5A82



5F537B



754C6B

# Triad

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



5F537B



755235



15645B

# Complementary

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



5F537B



6F7B53

# 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.



356347



5F537B



645930

# Square

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



5F537B



7F4C44



4E5F37



00636F

# Rectangle

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



5F537B



7D4A5E



4E5F37



216454



# Sweetspot

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



5F537B



9591A1



536F7B



4B4852



D1D1D1



525252



# Same Dimension

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



5F537B



7562A1



73537B



39373D



25007D



4C00FC



# Inverse Universe

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



7B536F



A1628E



5B7B53



3D373B



7D0057



FC00B1



# Previews

## White Background



This preview shows how the Hex color 5F537B 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 × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

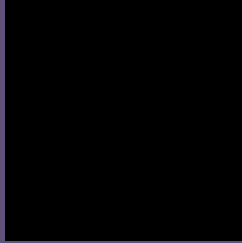
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5F537B Background



This preview shows how black text looks on a background with the Hex color 5F537B.



This preview shows how white text looks on a background with the Hex color 5F537B.

# 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**  
5F537B

**Protanopia**  
4D587F

**Deuteranopia**  
4F587A



**Tritanopia**  
5A585F

# Trichromacy



**Original Color**  
5F537B

**Protanomaly**  
54567E

**Deuteranomaly**  
55567A

**Tritanomaly**  
5C5669

# Monochromacy



**Original Color**  
5F537B

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
5C5867

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F537B 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 #5F537B looks like.

```
.text, #text, p{  
    color:#5F537B  
}
```

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 #5F537B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F537B
}
```

## Border

The CSS property to change the border of an element to Hex 5F537B 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
#5F537B }
```

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

```
.border{ border-color:#5F537B }
```

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

Here you see how a box with a 4 pixel #5F537B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F537B; -webkit-box-shadow:4px 4px  
4px 4px #5F537B; box-shadow:4px 4px 4px  
4px #5F537B }
```

# Background

The CSS property to change the background color of an element to Hex 5F537B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F537B }
```

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

```
.background{ background-color:#5F537B }
```

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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