

# Converting Colors

Hex(5F4F73)

Have a look what the booklet for  
Hex(5F4F73) contains.

<b>Hex(5F4F73)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(5F4F73)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5F4F73
RGB	95, 79, 115
RGB Percent	37%, 31%, 45%
CMY	0.6275, 0.6902, 0.5490
CMYK	0.17, 0.31, 0.00, 0.55
HSL	267°, 19%, 38%
HSV	267°, 31%, 45%
XYZ	10.6098, 9.2627, 17.4483
YIQ	87.8880, -2.0200, 14.5880

# Conversions

## Conversions Part 2

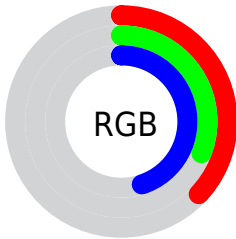
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	95, 79, 115
Decimal	6246259
CIE <sub>Lab</sub>	36.49, 14.52, -18.14
CIE <sub>LCh</sub>	36, 23.235, 308.668
Yxy	9.2627, 0.2843, 0.2482
Android (android.graphics.Color)	4284436339 (0xFF5F4F73)
YUV	87.8880, 13.3662, 6.2372
Hunter-Lab	30.4346, 8.9663, -12.6870

# Details

The Hex color **5F4F73** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **63734F**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **9280A7**, and **302243** is the 20% darker color. If you saturate the color by 10%, you get **594473**, and if you desaturate by 10%, it is **655B73**.

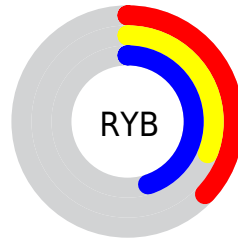
# Distribution



Red (37%)

Green (31%)

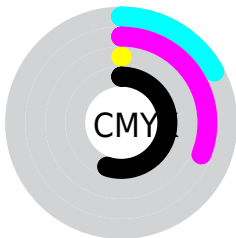
Blue (45%)



Red (37%)

Yellow (31%)

Blue (45%)

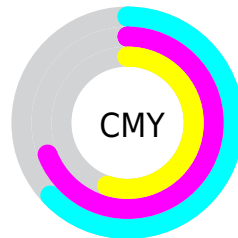


Cyan (17%)

Magenta (31%)

Yellow (0%)

Black (55%)



Cyan (63%)

Magenta (69%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F4F73 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 5F4F73 by changing the saturation by 10% instead.



■ 5F4F73

■ 5F4F73

FFFFFF

■ 47385A

■ 9280A7

■ 302243

■ AD9AC2

■ 1A0E2C

■ C8B5DE

■ 000118

■ E4D1FB

■ 000000

■ FFEDFF

■ 5F4F73

■ 5F4F73

■ 594473

■ 655B73

■ 523873

■ 6C6673

4C2D73

727273

452173

797D73

3F1673

7F8973

390A73

859473

330073

8CA073

92AB73

99B773

# Harmonies

## Analogous

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



44567B



5F4F73



724964

# Triad

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



5F4F73



6D5033



16605B

# Complementary

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



5F4F73



63734F

# 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.



315F48



5F4F73



5D5630

# Square

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



5F4F73



784A3F



495C38



035F6D

# Rectangle

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



5F4F73



784757



495C38



206054



# Sweetspot

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



5F4F73



8F8996



4F6373



48444D



CCCCCC



4D4D4D



# Same Dimension

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



5F4F73



775D96



714F73



37353B



36007A



6F00FA



# Inverse Universe

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



734F63



965D7D



51734F



3B3538



7A0044



FA008B



# Previews

## White Background



This preview shows how the Hex color 5F4F73 looks on a white background.

## Color Contrast Check

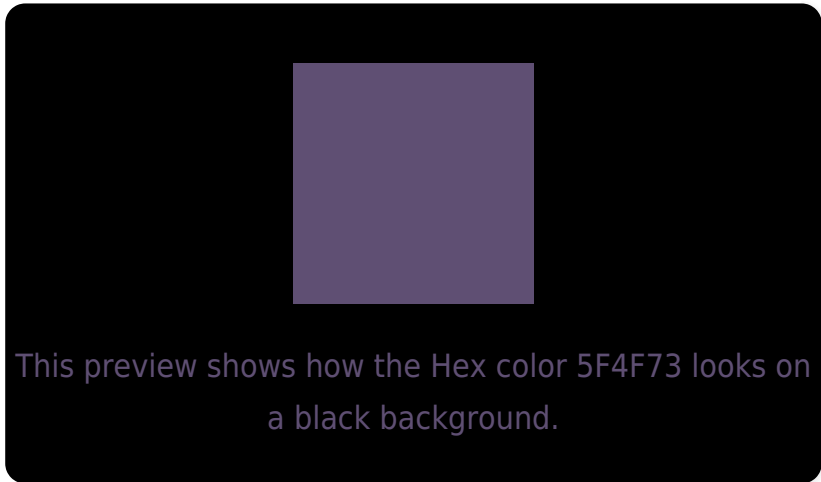
Large Text (above 18pt) WCAG AA ✓ Pass

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

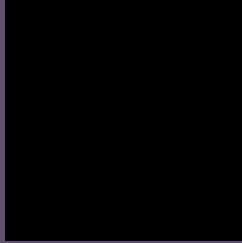
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5F4F73 Background



This preview shows how black text looks on a background with the Hex color 5F4F73.

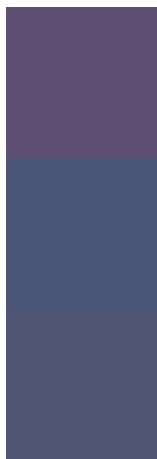


This preview shows how white text looks on a background with the Hex color 5F4F73.

# 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](#).

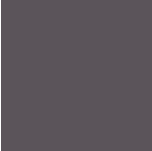
## Dichromacy



**Original Color**  
5F4F73

**Protanopia**  
4B5577

**Deuteranopia**  
4F5572



**Tritanopia**  
5B545A

# Trichromacy



**Original Color**  
5F4F73

**Protanomaly**  
525376

**Deuteranomaly**  
555372

**Tritanomaly**  
5C5263

# Monochromacy



**Original Color**  
5F4F73

**Achromatopsia**  
585858

**Achromatomaly**  
5B5562

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F4F73 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 #5F4F73 looks like.

```
.text, #text, p{  
    color:#5F4F73  
}
```

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 #5F4F73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F4F73
}
```

## Border

The CSS property to change the border of an element to Hex 5F4F73 is called "border". The border property can be set on classes, ids or directly on the HTML element.

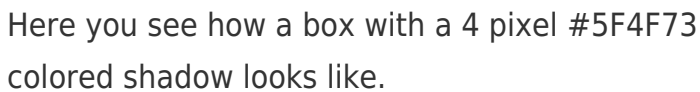
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F4F73 }
```

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

```
.border{ border-color:#5F4F73 }
```

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



Here you see how a box with a 4 pixel #5F4F73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F4F73; -webkit-box-shadow:4px 4px  
4px 4px #5F4F73; box-shadow:4px 4px 4px  
4px #5F4F73 }
```

# Background

The CSS property to change the background color of an element to Hex 5F4F73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F4F73 }
```

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

```
.background{ background-color:#5F4F73 }
```

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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