

# Converting Colors

Hex(5A4D6F)

Have a look what the booklet for  
Hex(5A4D6F) contains.

<b>Hex(5A4D6F)</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(5A4D6F)

# Conversions

## Conversions Part 1

Format	Color
Hex	5A4D6F
RGB	90, 77, 111
RGB Percent	35%, 30%, 44%
CMY	0.6471, 0.6980, 0.5647
CMYK	0.19, 0.31, 0.00, 0.56
HSL	263°, 18%, 37%
HSV	263°, 31%, 44%
XYZ	9.7396, 8.6291, 16.1912
YIQ	84.7630, -3.1660, 13.3300

# Conversions

## Conversions Part 2

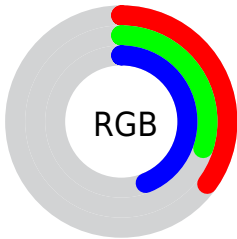
<b>Format</b>	<b>Color</b>
<b>RYB</b>	90, 77, 111
Decimal	5918063
CIELab	35.26, 13.03, -17.58
CIELCh	35, 21.879, 306.540
Yxy	8.6291, 0.2818, 0.2497
Android (android.graphics.Color)	4284108143 (0xFF5A4D6F)
YUV	84.7630, 12.9348, 4.5928
Hunter-Lab	29.3753, 7.7759, -12.1169

# Details

The Hex color **5A4D6F** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **626F4D**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **8D7EA3**, and **2B213F** is the 20% darker color. If you saturate the color by 10%, you get **53426F**, and if you desaturate by 10%, it is **61586F**.

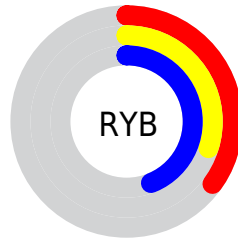
# Distribution



Red (35%)

Green (30%)

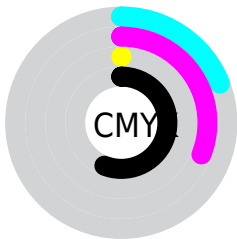
Blue (44%)



Red (35%)

Yellow (30%)

Blue (44%)

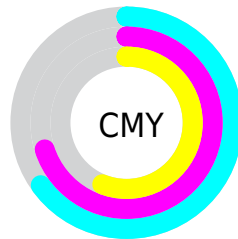


Cyan (19%)

Magenta (31%)

Yellow (0%)

Black (56%)



Cyan (65%)

Magenta (70%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5A4D6F 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 5A4D6F by changing the saturation by 10% instead.



■ 5A4D6F

■ 5A4D6F

FFFFFF

■ 423657

■ 8D7EA3

■ 2B213F

■ A798BE

■ 170B29

■ C2B3DA

■ 000114

■ DECEF6

■ 000000

■ FBEAFF

■ 5A4D6F

■ 5A4D6F

■ 53426F

■ 61586F

■ 4C376F

■ 68636F

452C6F

6F6E6F

3F216F

75796F

38166F

7C856F

310A6F

83906F

2A006F

8A9B6F

91A66F

98B16F

# Harmonies

## Analogous

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



405375



5A4D6F



6C4761

# Triad

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



5A4D6F



6A4D33



1B5C56

# Complementary

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



5A4D6F



626F4D

# 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.



335B44



5A4D6F



5B5330

# Square

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



5A4D6F



73483F



485836



0D5B67

# Rectangle

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



5A4D6F



734656



485836



235C50



# Sweetspot

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



5A4D6F



898491



4D636F



45424A



C9C9C9



4A4A4A



# Same Dimension

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



5A4D6F



705C91



6A4D6F



353238



2E0078



5F00F7



# Inverse Universe

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



6F4D62



915C7D



526F4D



383236



78004A



F70099



# Previews

## White Background



This preview shows how the Hex color 5A4D6F looks on a white background.

## Color Contrast Check

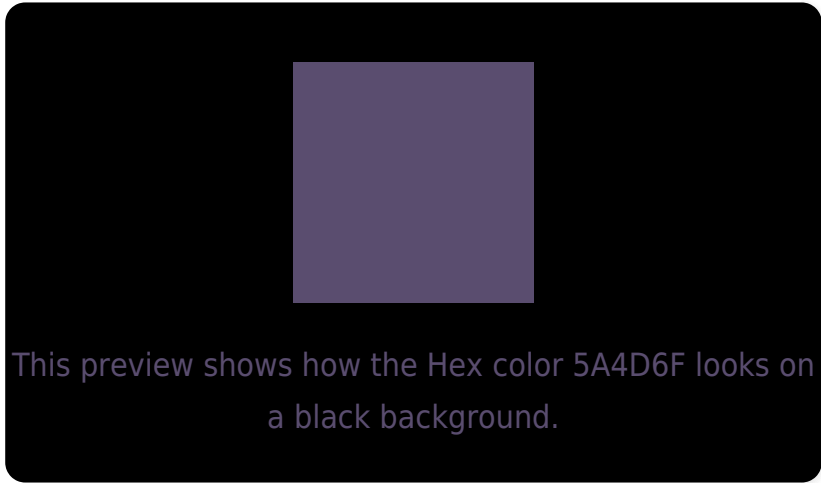
Large Text (above 18pt) WCAG AA ✓ Pass

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

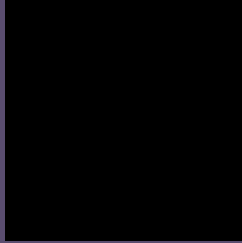
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5A4D6F Background



This preview shows how black text looks on a background with the Hex color 5A4D6F.

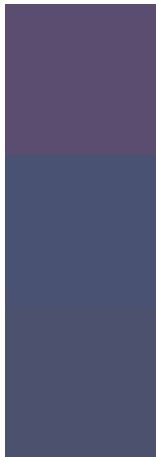


This preview shows how white text looks on a background with the Hex color 5A4D6F.

# 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**  
5A4D6F

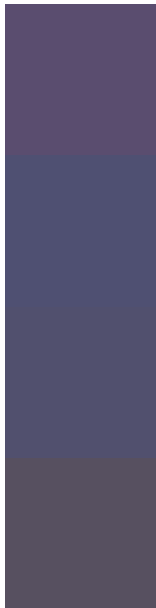
**Protanopia**  
495273

**Deuteranopia**  
4C526E



**Tritanopia**  
565158

# Trichromacy



**Original Color**  
5A4D6F

**Protanomaly**  
4F5072

**Deuteranomaly**  
51506E

**Tritanomaly**  
575060

# Monochromacy



**Original Color**  
5A4D6F

**Achromatopsia**  
555555

**Achromatomaly**  
57525E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5A4D6F 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 #5A4D6F looks like.

```
.text, #text, p{  
    color:#5A4D6F  
}
```

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 #5A4D6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A4D6F
}
```

## Border

The CSS property to change the border of an element to Hex 5A4D6F is called "border". The border property can be set on classes, ids or directly on the HTML element.

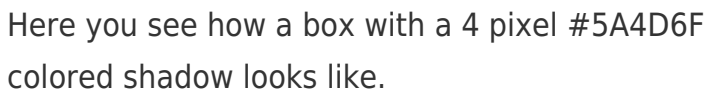
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A4D6F }
```

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

```
.border{ border-color:#5A4D6F }
```

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



Here you see how a box with a 4 pixel #5A4D6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A4D6F; -webkit-box-shadow:4px 4px  
4px 4px #5A4D6F; box-shadow:4px 4px 4px  
4px #5A4D6F }
```

# Background

The CSS property to change the background color of an element to Hex 5A4D6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A4D6F }
```

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

```
.background{ background-color:#5A4D6F }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor