

# Converting Colors

Hex(5C4774)

Have a look what the booklet for  
Hex(5C4774) contains.

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# Color

**Hex(5C4774)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5C4774
RGB	92, 71, 116
RGB Percent	36%, 28%, 45%
CMY	0.6392, 0.7216, 0.5451
CMYK	0.21, 0.39, 0.00, 0.55
HSL	268°, 24%, 37%
HSV	268°, 39%, 45%
XYZ	9.8193, 8.0427, 17.5579
YIQ	82.4090, -1.9290, 18.4470

# Conversions

## Conversions Part 2

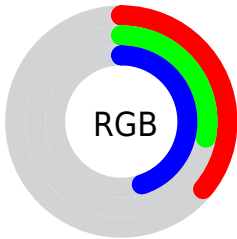
<b>Format</b>	<b>Color</b>
<b>RYB</b>	92, 71, 116
Decimal	6047604
CIELab	34.07, 18.79, -22.53
CIELCh	34, 29.334, 309.822
Yxy	8.0427, 0.2772, 0.2271
Android (android.graphics.Color)	4284237684 (0xFF5C4774)
YUV	82.4090, 16.5604, 8.4113
Hunter-Lab	28.3597, 12.1742, -16.8554

# Details

The Hex color **5C4774** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **5F7447**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **8F78A8**, and **2D1B44** is the 20% darker color. If you saturate the color by 10%, you get **563B74**, and if you desaturate by 10%, it is **625374**.

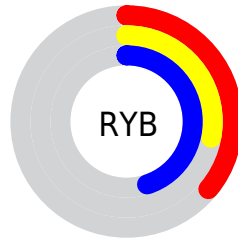
# Distribution



Red (36%)

Green (28%)

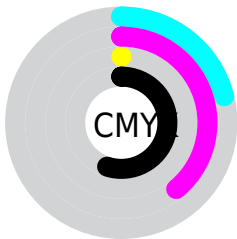
Blue (45%)



Red (36%)

Yellow (28%)

Blue (45%)

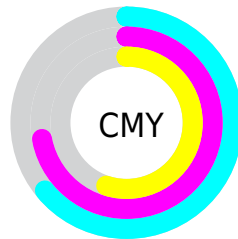


Cyan (21%)

Magenta (39%)

Yellow (0%)

Black (55%)



Cyan (64%)

Magenta (72%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C4774 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 5C4774 by changing the saturation by 10% instead.



■ 5C4774

■ 5C4774

FFFFFF

■ 44305B

■ 8F78A8

■ 2D1B44

■ AA91C4

■ 18032D

■ C5ACE0

■ 000118

■ E1C7FC

■ 000000

■ FEE4FF

■ 5C4774

■ 5C4774

■ 563B74

■ 625374

■ 503074

■ 685E74

492474

6F6A74

431974

757574

3D0D74

7B8174

370174

818D74

360074

879874

8DA474

94AF74

# Harmonies

## Analogous

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



37507E



5C4774



733F61

# Triad

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



5C4774



6B4924



005C57

# Complementary

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



5C4774



5F7447

# 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.



1B5B3F



5C4774



575120

# Square

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



5C4774



784133



3D572B



005B6D

# Rectangle

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



5C4774



7A3D51



3D572B



005C4F



# Sweetspot

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



5C4774



8D8496



475F74



47424D



CCCCCC



4D4D4D



# Same Dimension

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



5C4774



715096



734774



38353B



39007A



7500FA



# Inverse Universe

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



74475F



965075



497447



3B3538



7A0041



FA0085



# Previews

## White Background



This preview shows how the Hex color 5C4774 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

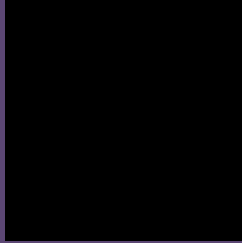
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5C4774 Background



This preview shows how black text looks on a background with the Hex color 5C4774.



This preview shows how white text looks on a background with the Hex color 5C4774.

# 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**  
5C4774

**Protanopia**  
414F7B

**Deuteranopia**  
445072



**Tritanopia**  
564E54

# Trichromacy



**Original Color**  
5C4774

**Protanomaly**  
4B4C78

**Deuteranomaly**  
4D4D73

**Tritanomaly**  
584B60

# Monochromacy



**Original Color**  
5C4774

**Achromatopsia**  
525252

**Achromatomaly**  
564E5E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C4774 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 #5C4774 looks like.

```
.text, #text, p{  
    color:#5C4774  
}
```

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 #5C4774 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C4774
}
```

## Border

The CSS property to change the border of an element to Hex 5C4774 is called "border". The border property can be set on classes, ids or directly on the HTML element.

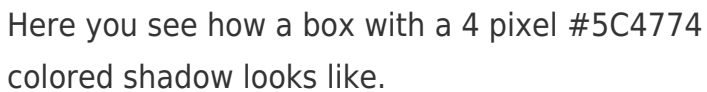
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5C4774 }
```

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

```
.border{ border-color:#5C4774 }
```

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



Here you see how a box with a 4 pixel #5C4774 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C4774; -webkit-box-shadow:4px 4px  
4px 4px #5C4774; box-shadow:4px 4px 4px  
4px #5C4774 }
```

# Background

The CSS property to change the background color of an element to Hex 5C4774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C4774 }
```

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

```
.background{ background-color:#5C4774 }
```

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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