

Converting Colors

Hex(5D4A77)

Have a look what the booklet for
Hex(5D4A77) contains.

Hex(5D4A77)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5D4A77)

Conversions

Conversions Part 1

Format	Color
Hex	5D4A77
RGB	93, 74, 119
RGB Percent	36%, 29%, 47%
CMY	0.6353, 0.7098, 0.5333
CMYK	0.22, 0.38, 0.00, 0.53
HSL	265°, 23%, 38%
HSV	265°, 38%, 47%
XYZ	10.2928, 8.5566, 18.5619
YIQ	84.8110, -3.1210, 18.0230

Conversions

Conversions Part 2

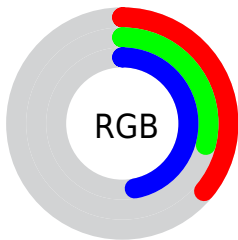
Format	Color
RYB	93, 74, 119
Decimal	6113911
CIELab	35.12, 18.00, -22.76
CIElCh	35, 29.019, 308.326
Yxy	8.5566, 0.2751, 0.2287
Android (android.graphics.Color)	4284303991 (0xFF5D4A77)
YUV	84.8110, 16.8552, 7.1818
Hunter-Lab	29.2517, 11.6180, -17.1467

Details

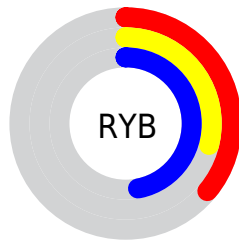
The Hex color **5D4A77** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **64774A**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **907BAB**, and **2E1E46** is the 20% darker color. If you saturate the color by 10%, you get **563E77**, and if you desaturate by 10%, it is **645677**.

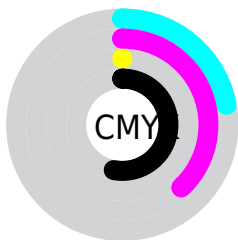
Distribution



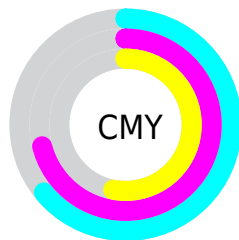
- Red (36%)
- Green (29%)
- Blue (47%)



- Red (36%)
- Yellow (29%)
- Blue (47%)



- Cyan (22%)
- Magenta (38%)
- Yellow (0%)
- Black (53%)



- Cyan (64%)
- Magenta (71%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D4A77 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 5D4A77 by changing the saturation by 10% instead.

■ 5D4A77

■ 5D4A77

FFFFFF

■ 45335E

■ 907BAB

■ 2E1E46

■ AB95C7

■ 180730

■ C6B0E3

■ 00011A

■ E3CBFF

■ 000000

■ FFE7FF

■ 5D4A77

■ 5D4A77

■ 563E77

■ 645677

■ 4F3277

■ 6B6277

■ 482677

■ 726E77

■ 411A77

■ 797A77

■ 3B0F77

■ 7F8577

■ 340377

■ 869177

■ 320077

■ 8D9D77

■ 94A977

■ 9BB577

Harmonies

Analogous

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



385380



5D4A77



744264

Triad

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



5D4A77



6E4B27



005E59

Complementary

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



5D4A77



64774A

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.



215D41



5D4A77



5A5323

Square

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



5D4A77



7B4337



41592D



005D6F

Rectangle

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



5D4A77



7C3F55



41592D



005E50

Sweetspot

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



5D4A77



928A9C



4A6477



49454F



CFCFCF



4F4F4F

Same Dimension

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



5D4A77



73569C



734A77



37353B



34007A



6A00FA

Inverse Universe

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



774A64



9C567E



4E774A



3B3538



7A0047



FA0090

Previews

White Background



This preview shows how the Hex color 5D4A77 looks on a white background.

Color Contrast Check

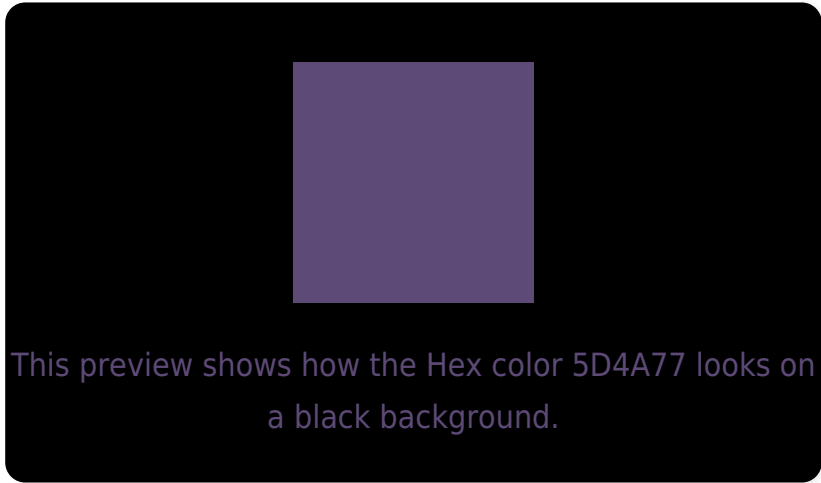
Large Text (above 18pt) WCAG AA ✓ Pass

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

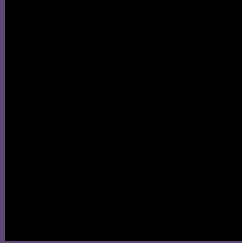
Any Text WCAG AA × Fail

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 5D4A77 Background



This preview shows how black text looks on a background with the Hex color 5D4A77.



This preview shows how white text looks on a background with the Hex color 5D4A77.

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
5D4A77

Protanopia
43517D

Deuteranopia
465275



Tritanopia
575157

Trichromacy



Original Color
5D4A77

Protanomaly
4C4E7B

Deuteranomaly
4E4F76

Tritanomaly
594E63

Monochromacy



Original Color
5D4A77

Achromatopsia
555555

Achromatomaly
585161

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D4A77 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 #5D4A77 looks like.

```
.text, #text, p{  
    color:#5D4A77  
}
```

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 #5D4A77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D4A77
}
```

Border

The CSS property to change the border of an element to Hex 5D4A77 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
#5D4A77 }
```

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

```
.border{ border-color:#5D4A77 }
```

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

Here you see how a box with a 4 pixel #5D4A77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D4A77; -webkit-box-shadow:4px 4px  
4px 4px #5D4A77; box-shadow:4px 4px 4px  
4px #5D4A77 }
```

Background

The CSS property to change the background color of an element to Hex 5D4A77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D4A77 }
```

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

```
.background{ background-color:#5D4A77 }
```

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