

Converting Colors

Hex(5D4C7A)

Have a look what the booklet for
Hex(5D4C7A) contains.

Hex(5D4C7A)	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(5D4C7A)

Conversions

Conversions Part 1

Format	Color
Hex	5D4C7A
RGB	93, 76, 122
RGB Percent	36%, 30%, 48%
CMY	0.6353, 0.7020, 0.5216
CMYK	0.24, 0.38, 0.00, 0.52
HSL	262°, 23%, 39%
HSV	262°, 38%, 48%
XYZ	10.6115, 8.9012, 19.5712
YIQ	86.3270, -4.6340, 17.9100

Conversions

Conversions Part 2

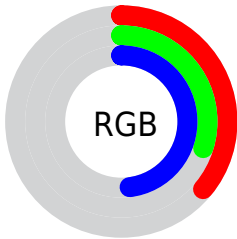
Format	Color
R_{YB}	93, 76, 122
Decimal	6114426
CIE _{Lab}	35.79, 17.51, -23.57
CIE _{LCh}	36, 29.365, 306.609
Yxy	8.9012, 0.2715, 0.2277
Android (android.graphics.Color)	4284304506 (0xFF5D4C7A)
YUV	86.3270, 17.5868, 5.8522
Hunter-Lab	29.8348, 11.2769, -18.0089

Details

The Hex color **5D4C7A** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **697A4C**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **907DAF**, and **2D2049** is the 20% darker color. If you saturate the color by 10%, you get **55407A**, and if you desaturate by 10%, it is **65587A**.

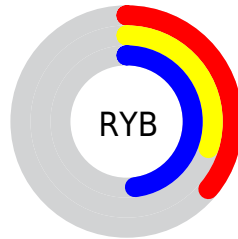
Distribution



Red (36%)

Green (30%)

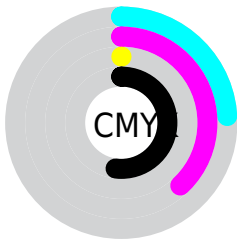
Blue (48%)



Red (36%)

Yellow (30%)

Blue (48%)

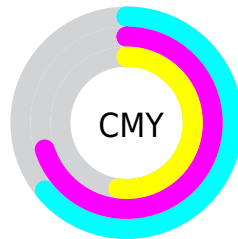


Cyan (24%)

Magenta (38%)

Yellow (0%)

Black (52%)



Cyan (64%)

Magenta (70%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D4C7A 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 5D4C7A by changing the saturation by 10% instead.

■ 5D4C7A

■ 5D4C7A

FFFFFF

■ 453561

■ 907DAF

■ 2D2049

■ AB97CA

■ 170A32

■ C7B2E6

■ 00021D

■ E3CDDF

■ 000000

■ FFE9FF

■ 5D4C7A

■ 5D4C7A

■ 55407A

■ 65587A

■ 4E347A

■ 6C647A

46277A

74717A

3E1B7A

7C7D7A

370F7A

83897A

2F037A

8B957A

2D007A

93A17A

9BAE7A

A2BA7A

Harmonies

Analogous

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



365583



5D4C7A



754467

Triad

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



5D4C7A



714C29



006059

Complementary

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



5D4C7A



697A4C

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.



245F41



5D4C7A



5D5524

Square

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



5D4C7A



7E4439



445B2D



005F70

Rectangle

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



5D4C7A



7E4158



445B2D



006051

Sweetspot

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



5D4C7A



938D9E



4C697A



49454F



CFCFCF



4F4F4F

Same Dimension

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



5D4C7A



71579E



744C7A



39373D



2E007D



5D00FC

Inverse Universe

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



7A4C69



9E5784



527A4C



3D373B



7D004F



FC009F

Previews

White Background



This preview shows how the Hex color 5D4C7A looks on a white background.

Color Contrast Check

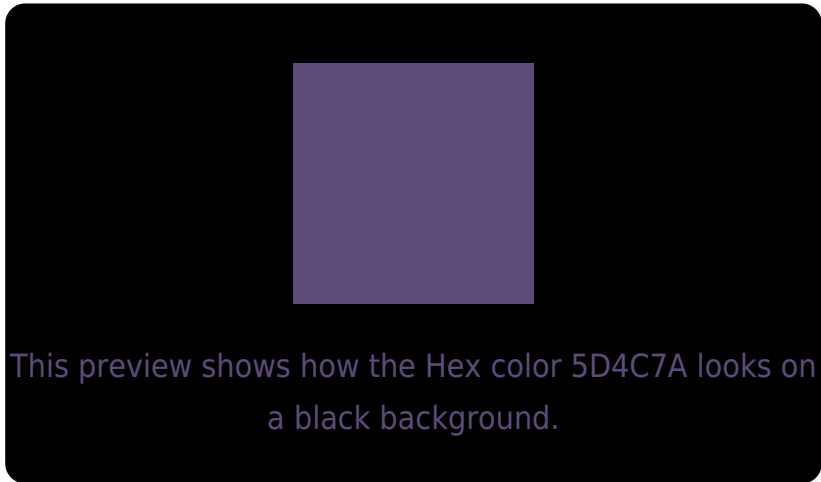
Large Text (above 18pt) WCAG AA ✓ Pass

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

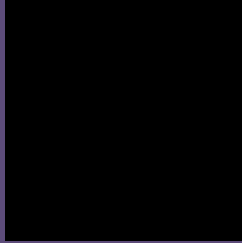
Any Text WCAG AA × Fail

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 5D4C7A Background



This preview shows how black text looks on a background with the Hex color 5D4C7A.

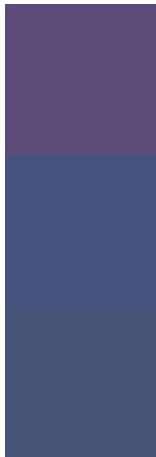


This preview shows how white text looks on a background with the Hex color 5D4C7A.

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
5D4C7A

Protanopia
455380

Deuteranopia
475478



Tritanopia
575359

Trichromacy



Original Color
5D4C7A

Protanomaly
4E507E

Deuteranomaly
4F5179

Tritanomaly
595065

Monochromacy



Original Color
5D4C7A

Achromatopsia
565656

Achromatomaly
595263

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D4C7A 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 #5D4C7A looks like.

```
.text, #text, p{  
    color:#5D4C7A  
}
```

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 #5D4C7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D4C7A
}
```

Border

The CSS property to change the border of an element to Hex 5D4C7A is called "border". The border property can be set on classes, ids or directly on the HTML element.

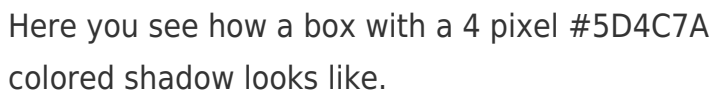
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D4C7A }
```

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

```
.border{ border-color:#5D4C7A }
```

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



Here you see how a box with a 4 pixel #5D4C7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D4C7A; -webkit-box-shadow:4px 4px  
4px 4px #5D4C7A; box-shadow:4px 4px 4px  
4px #5D4C7A }
```

Background

The CSS property to change the background color of an element to Hex 5D4C7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D4C7A }
```

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

```
.background{ background-color:#5D4C7A }
```

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