

Converting Colors

Hex(57417C)

Have a look what the booklet for
Hex(57417C) contains.

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Color

Hex(57417C)

Conversions

Conversions Part 1

Format	Color
Hex	57417C
RGB	87, 65, 124
RGB Percent	34%, 25%, 49%
CMY	0.6588, 0.7451, 0.5137
CMYK	0.30, 0.48, 0.00, 0.51
HSL	262°, 31%, 37%
HSV	262°, 48%, 49%
XYZ	9.4589, 7.2621, 19.9720
YIQ	78.3040, -5.8270, 23.0130

Conversions

Conversions Part 2

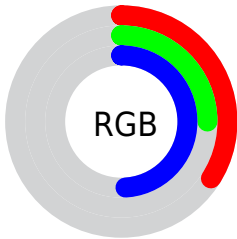
Format	Color
RYB	87, 65, 124
Decimal	5718396
CIELab	32.40, 23.10, -30.19
CIElCh	32, 38.018, 307.419
Yxy	7.2621, 0.2578, 0.1979
Android (android.graphics.Color)	4283908476 (0xFF57417C)
YUV	78.3040, 22.5281, 7.6264
Hunter-Lab	26.9482, 15.4944, -25.0775

Details

The Hex color **57417C** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **667C41**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **8A71B1**, and **26154B** is the 20% darker color. If you saturate the color by 10%, you get **4F357C**, and if you desaturate by 10%, it is **5F4D7C**.

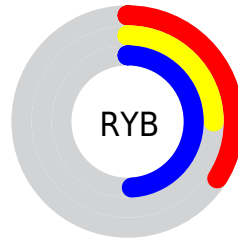
Distribution



Red (34%)

Green (25%)

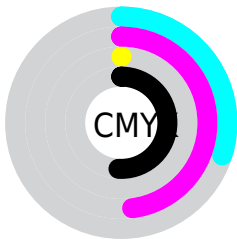
Blue (49%)



Red (34%)

Yellow (25%)

Blue (49%)

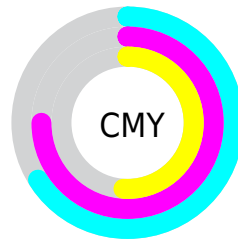


Cyan (30%)

Magenta (48%)

Yellow (0%)

Black (51%)



Cyan (66%)

Magenta (75%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57417C 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 57417C by changing the saturation by 10% instead.

■ 57417C

■ 57417C

FFFFFF

■ 3E2B63

■ 8A71B1

■ 26154B

■ A58BCD

■ 120034

■ C1A5E9

■ 00021E

■ DDC1FF

■ 000000

■ FADDFF

■ FFF9FF

■ 57417C

■ 57417C

■ 4F357C

■ 5F4D7C

47287C

675A7C

401C7C

6E667C

380F7C

76737C

30037C

7E7F7C

2E007C

868B7C

8D987C

95A47C

9DB17C

Harmonies

Analogous

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



154D88



57417C



763464

Triad

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



57417C



6E4212



005A53

Complementary

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



57417C



667C41

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.



005934



57417C



554D08

Square

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



57417C



7E3629



355519



005A70

Rectangle

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



57417C



803050



355519



005A49

Sweetspot

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



57417C



938AA1



41667C



494452



D1D1D1



525252

Same Dimension

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



57417C



6745A1



74417C



39373D



2F007D



5E00FC

Inverse Universe

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



7C4166



A1457F



497C41



3D373B



7D004E



FC009E

Previews

White Background



This preview shows how the Hex color 57417C 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

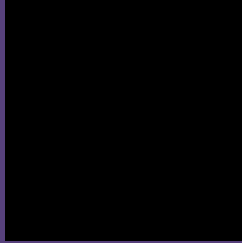
Any Text WCAG AA × Fail

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 57417C Background



This preview shows how black text looks on a background with the Hex color 57417C.

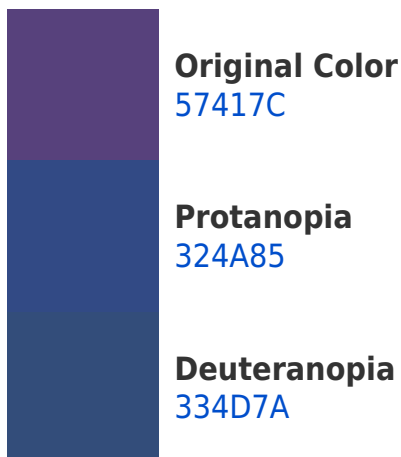


This preview shows how white text looks on a background with the Hex color 57417C.

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





Tritanopia
4F4B51

Trichromacy



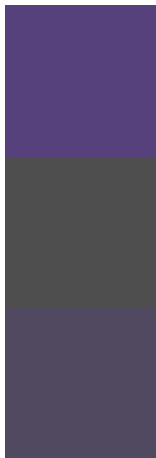
Original Color
57417C

Protanomaly
3F4782

Deuteranomaly
40497B

Tritanomaly
524761

Monochromacy



Original Color
57417C

Achromatopsia
4E4E4E

Achromatomaly
51495F

CSS Examples

Text

The CSS property to change the color of the text to Hex 57417C 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 #57417C looks like.

```
.text, #text, p{  
    color:#57417C  
}
```

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 #57417C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57417C
}
```

Border

The CSS property to change the border of an element to Hex 57417C is called "border". The border property can be set on classes, ids or directly on the HTML element.

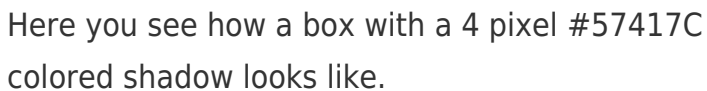
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#57417C }
```

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

```
.border{ border-color:#57417C }
```

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



Here you see how a box with a 4 pixel #57417C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57417C; -webkit-box-shadow:4px 4px  
4px 4px #57417C; box-shadow:4px 4px 4px  
4px #57417C }
```

Background

The CSS property to change the background color of an element to Hex 57417C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57417C }
```

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

```
.background{ background-color:#57417C }
```

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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