

Converting Colors

Hex(51477A)

Have a look what the booklet for
Hex(51477A) contains.

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Color

Hex(51477A)

Conversions

Conversions Part 1

Format	Color
Hex	51477A
RGB	81, 71, 122
RGB Percent	32%, 28%, 48%
CMY	0.6824, 0.7216, 0.5216
CMYK	0.34, 0.42, 0.00, 0.52
HSL	252°, 26%, 38%
HSV	252°, 42%, 48%
XYZ	9.1594, 7.6609, 19.4083
YIQ	79.8040, -10.4110, 17.9810

Conversions

Conversions Part 2

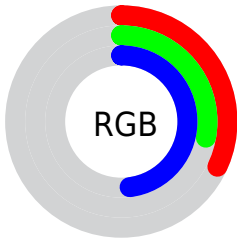
Format	Color
R_{YB}	81, 71, 122
Decimal	5326714
CIE _{Lab}	33.27, 16.88, -27.61
CIE _{LCh}	33, 32.364, 301.434
Yxy	7.6609, 0.2528, 0.2115
Android (android.graphics.Color)	4283516794 (0xFF51477A)
YUV	79.8040, 20.8026, 1.0489
Hunter-Lab	27.6784, 10.6326, -22.1997

Details

The Hex color **51477A** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **707A47**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **8477AF**, and **211B49** is the 20% darker color. If you saturate the color by 10%, you get **473B7A**, and if you desaturate by 10%, it is **5B537A**.

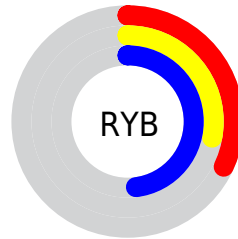
Distribution



Red (32%)

Green (28%)

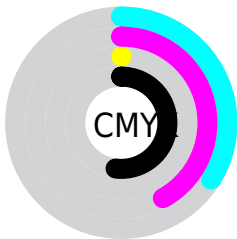
Blue (48%)



Red (32%)

Yellow (28%)

Blue (48%)

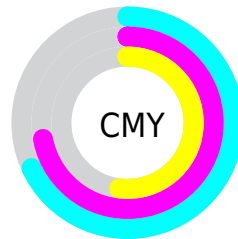


Cyan (34%)

Magenta (42%)

Yellow (0%)

Black (52%)



Cyan (68%)

Magenta (72%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51477A 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 51477A by changing the saturation by 10% instead.

■ 51477A

■ 51477A

FFFFFF

■ 393161

■ 8477AF

■ 211B49

■ 9F91CA

■ 0C0232

■ BAACE6

■ 00021C

■ D6C7FF

■ 000000

■ F3E3FF

■ 51477A

■ 51477A

■ 473B7A

■ 5B537A

■ 3D2F7A

■ 655F7A

■ 34227A

■ 6E6C7A

■ 2A167A

■ 78787A

■ 200A7A

■ 82847A

■ 18007A

■ 8C907A

■ 969C7A

■ 9FA97A

■ A9B57A

Harmonies

Analogous

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



1C5181



51477A



6F3D67

Triad

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



51477A



704421



005B4F

Complementary

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



51477A



707A47

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.



1E5935



51477A



5B4D18

Square

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



51477A



7C3B35



415420



005A68

Rectangle

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



51477A



793957



415420



005A46

Sweetspot

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



51477A



8E8A9E



47717A



45424F



CFCFCF



4F4F4F

Same Dimension

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



51477A



5F4F9E



6A477A



38373D



19007D



3200FC

Inverse Universe

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



7A4770



9E4F8F



577A47



3D373C



7D0064



FC00CB

Previews

White Background



This preview shows how the Hex color 51477A looks on a white background.

Color Contrast Check

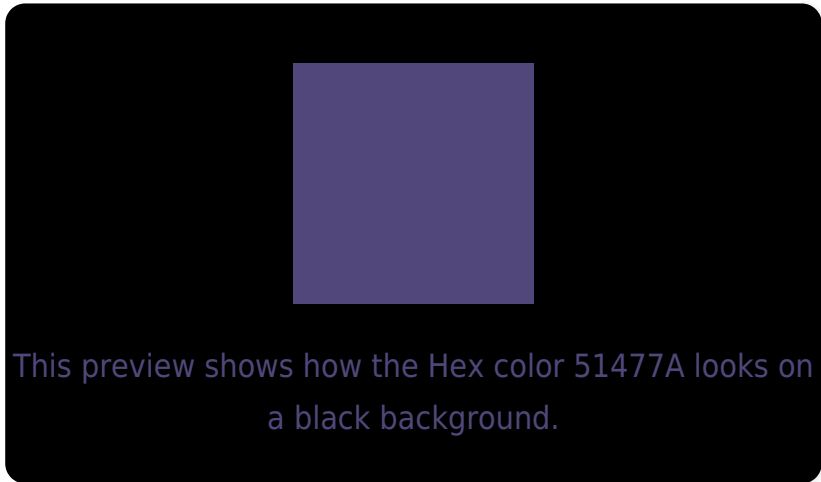
Large Text (above 18pt) WCAG AA ✓ Pass

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

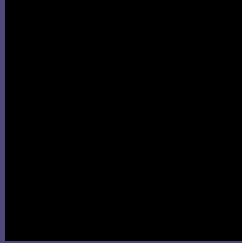
Any Text WCAG AA × Fail

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 51477A Background



This preview shows how black text looks on a background with the Hex color 51477A.



This preview shows how white text looks on a background with the Hex color 51477A.

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
51477A

Protanopia
3A4D7F

Deuteranopia
394E78



Tritanopia
494F55

Trichromacy



Original Color
51477A

Protanomaly
424B7D

Deuteranomaly
424B79

Tritanomaly
4C4C62

Monochromacy



Original Color
51477A

Achromatopsia
505050

Achromatomaly
504D5F

CSS Examples

Text

The CSS property to change the color of the text to Hex 51477A 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 #51477A looks like.

```
.text, #text, p{  
    color:#51477A  
}
```

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 #51477A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51477A
}
```

Border

The CSS property to change the border of an element to Hex 51477A is called "border". The border property can be set on classes, ids or directly on the HTML element.

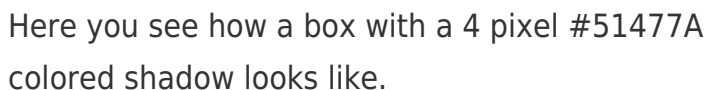
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#51477A }
```

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

```
.border{ border-color:#51477A }
```

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



Here you see how a box with a 4 pixel #51477A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51477A; -webkit-box-shadow:4px 4px  
4px 4px #51477A; box-shadow:4px 4px 4px  
4px #51477A }
```

Background

The CSS property to change the background color of an element to Hex 51477A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51477A }
```

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

```
.background{ background-color:#51477A }
```

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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