

Converting Colors

Hex(60447C)

Have a look what the booklet for
Hex(60447C) contains.

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Color

Hex(60447C)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 60447C |
| RGB | 96, 68, 124 |
| RGB Percent | 38%, 27%, 49% |
| CMY | 0.6235, 0.7333, 0.5137 |
| CMYK | 0.23, 0.45, 0.00, 0.51 |
| HSL | 270°, 29%, 38% |
| HSV | 270°, 45%, 49% |
| XYZ | 10.5291, 8.0763, 20.0727 |
| YIQ | 82.7560, -1.2880, 23.3520 |

Conversions

Conversions Part 2

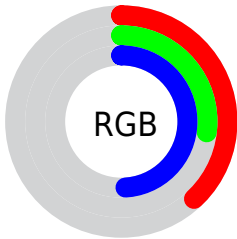
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 96, 68, 124 |
| Decimal | 6308988 |
| CIELab | 34.14, 24.01, -27.38 |
| CIELCh | 34, 36.413, 311.249 |
| Yxy | 8.0763, 0.2722, 0.2088 |
| Android (android.graphics.Color) | 4284499068 (0xFF60447C) |
| YUV | 82.7560, 20.3333, 11.6150 |
| Hunter-Lab | 28.4188, 16.4009, -21.9845 |

Details

The Hex color **60447C** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **607C44**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **9475B1**, and **30184B** is the 20% darker color. If you saturate the color by 10%, you get **5A387C**, and if you desaturate by 10%, it is **66507C**.

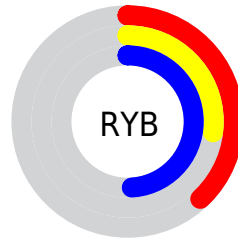
Distribution



Red (38%)

Green (27%)

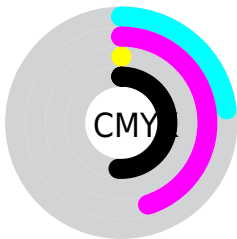
Blue (49%)



Red (38%)

Yellow (27%)

Blue (49%)

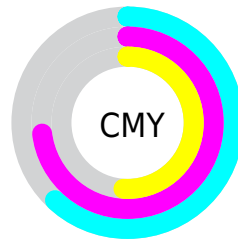


Cyan (23%)

Magenta (45%)

Yellow (0%)

Black (51%)



Cyan (62%)

Magenta (73%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60447C 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 60447C by changing the saturation by 10% instead.

60447C

60447C

FFFFFF

472D63

9475B1

30184B

AF8FCC

1A0034

CBA9E9

00021E

E7C4FF

000000

FFE1FF

FFDFDF

60447C

60447C

5A387C

66507C

542B7C

6C5D7C

4D1F7C

73697C

47127C

79767C

41067C

7F827C

3E007C

858E7C

8B9B7C

92A77C

98B47C

Harmonies

Analogous

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



2D5089



60447C



7B3964

Triad

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



60447C



6F4817



005E5B

Complementary

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



60447C



607C44

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.



005D3D



60447C



565212

Square

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



60447C



803D2B



365922



005D76

Rectangle

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



60447C



843650



365922



005E51

Sweetspot

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



60447C



958AA1



44607C



4B4452



D1D1D1



525252

Same Dimension

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



60447C



754AA1



7C447C



3A373D



3E007D



7E00FC

Inverse Universe

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



7C4460



A14A75



447C44



3D373A



7D003E



FC007E

Previews

White Background



This preview shows how the Hex color 60447C looks on a white background.

Color Contrast Check

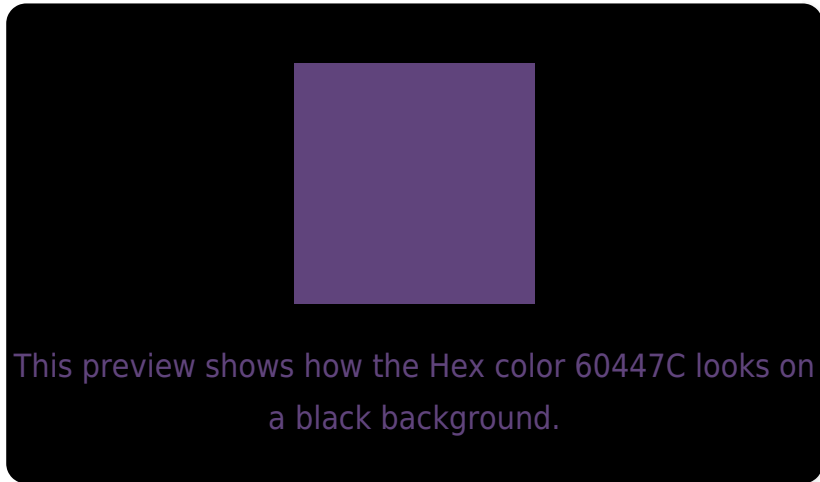
Large Text (above 18pt) WCAG AA ✓ Pass

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

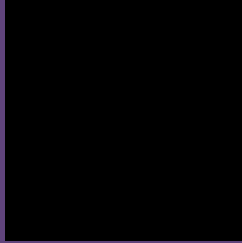
Any Text WCAG AA × Fail

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 60447C Background



This preview shows how black text looks on a background with the Hex color 60447C.



This preview shows how white text looks on a background with the Hex color 60447C.

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](#).

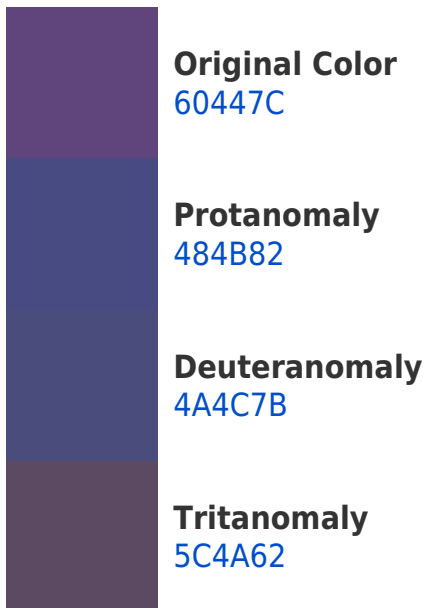
Dichromacy



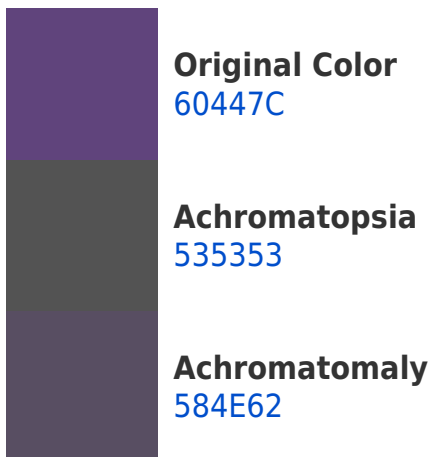


Tritanopia
594D53

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 60447C 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 #60447C looks like.

```
.text, #text, p{  
    color:#60447C  
}
```

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 #60447C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60447C
}
```

Border

The CSS property to change the border of an element to Hex 60447C is called "border". The border property can be set on classes, ids or directly on the HTML element.

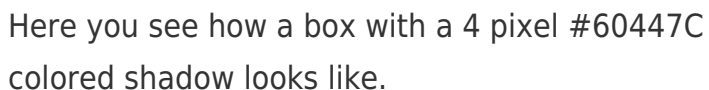
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#60447C }
```

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

```
.border{ border-color:#60447C }
```

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



Here you see how a box with a 4 pixel #60447C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60447C; -webkit-box-shadow:4px 4px  
4px 4px #60447C; box-shadow:4px 4px 4px  
4px #60447C }
```

Background

The CSS property to change the background color of an element to Hex 60447C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60447C }
```

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

```
.background{ background-color:#60447C }
```

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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