

Converting Colors

Hex(47647C)

Have a look what the booklet for
Hex(47647C) contains.

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Color

Hex(47647C)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 47647C |
| RGB | 71, 100, 124 |
| RGB Percent | 28%, 39%, 49% |
| CMY | 0.7216, 0.6078, 0.5137 |
| CMYK | 0.43, 0.19, 0.00, 0.51 |
| HSL | 207°, 27%, 38% |
| HSV | 207°, 43%, 49% |
| XYZ | 10.7938, 11.9092, 20.7986 |
| YIQ | 94.0650, -24.9880, 1.3160 |

Conversions

Conversions Part 2

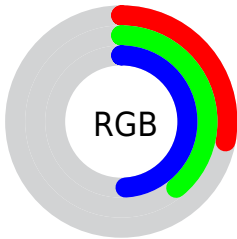
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 71, 90, 124 |
| Decimal | 4678780 |
| CIELab | 41.07, -3.87, -16.78 |
| CIELCh | 41, 17.224, 257.024 |
| Yxy | 11.9092, 0.2481, 0.2738 |
| Android (android.graphics.Color) | 4282868860 (0xFF47647C) |
| YUV | 94.0650, 14.7580, -20.2280 |
| Hunter-Lab | 34.5097, -4.5614, -11.5766 |

Details

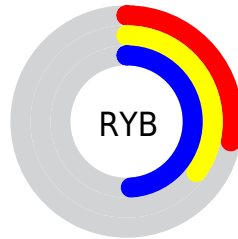
The Hex color **47647C** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **7C5F47**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **7A97B1**, and **15364B** is the 20% darker color. If you saturate the color by 10%, you get **3B5E7C**, and if you desaturate by 10%, it is **536A7C**.

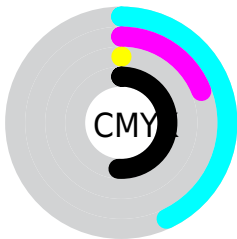
Distribution



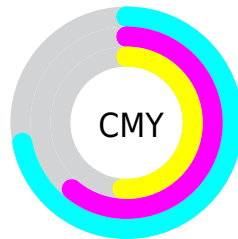
- Red (28%)
- Green (39%)
- Blue (49%)



- Red (28%)
- Yellow (35%)
- Blue (49%)



- Cyan (43%)
- Magenta (19%)
- Yellow (0%)
- Black (51%)



- Cyan (72%)
- Magenta (61%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47647C 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 47647C by changing the saturation by 10% instead.

■ 47647C

■ 47647C

FFFFFF

■ 2E4C63

■ 7A97B1

■ 15364B

■ 94B1CC

■ 002034

■ AFCDE8

■ 00091F

■ CBE9FF

■ 000003

■ E8FFFF

■ 000000

■ 47647C

■ 47647C

■ 3B5E7C

■ 536A7C

■ 2E597C

■ 606F7C

■ 22537C

■ 6C757C

■ 154E7C

■ 797A7C

■ 09487C

■ 85807C

■ 00447C

■ 91867C

■ 9E8B7C

■ AA917C

■ B7977C

Harmonies

Analogous

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



396775



47647C



5B5F7C

Triad

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



47647C



7E5759



53664D

Complementary

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



47647C



7C5F47

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.



636246



47647C



7A594D

Square

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



47647C



795768



715E46



43685A

Rectangle

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



47647C



675C77



715E46



58654A

Sweetspot

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



47647C



8C97A1



477C5F



454C52



D1D1D1



525252

Same Dimension

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



47647C



4F7CA1



474A7C



373A3D



00447D



008AFC

Inverse Universe

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



7C4764



A14F7C



7C7947



3D373A



7D0044



FC008A

Previews

White Background



This preview shows how the Hex color 47647C looks on a white background.

Color Contrast Check

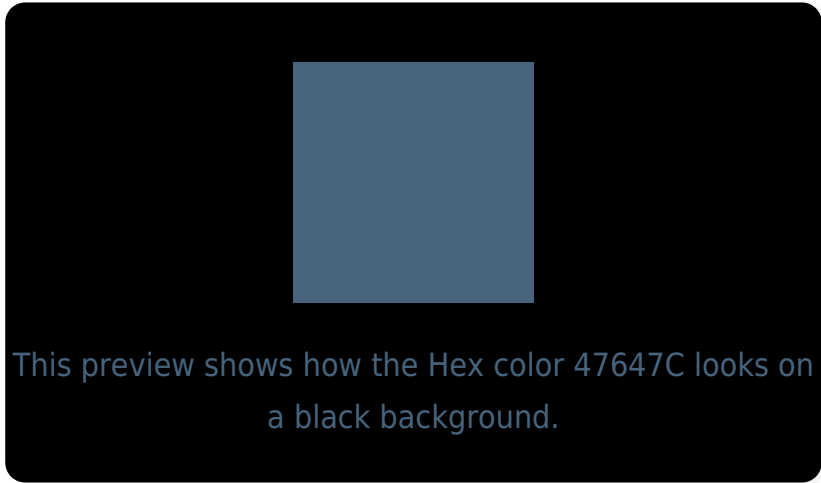
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

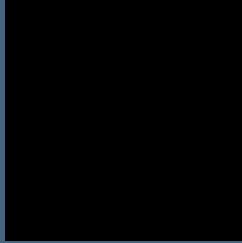
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

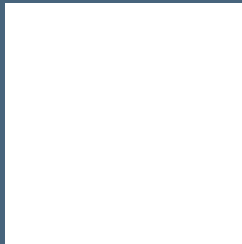
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 47647C Background



This preview shows how black text looks on a background with the Hex color 47647C.

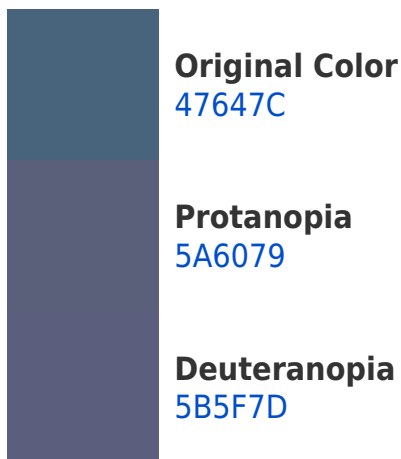



This preview shows how white text looks on a background with the Hex color 47647C.

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
43666F

Trichromacy



Original Color
47647C

Protanomaly
53617A

Deuteranomaly
54617D

Tritanomaly
446574

Monochromacy



Original Color
47647C

Achromatopsia
5E5E5E

Achromatomaly
566069

CSS Examples

Text

The CSS property to change the color of the text to Hex 47647C 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 #47647C looks like.

```
.text, #text, p{  
    color:#47647C  
}
```

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 #47647C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47647C
}
```

Border

The CSS property to change the border of an element to Hex 47647C is called "border". The border property can be set on classes, ids or directly on the HTML element.

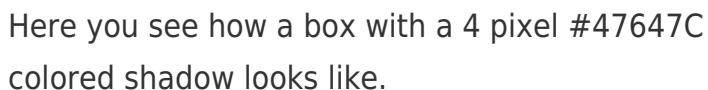
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#47647C }
```

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

```
.border{ border-color:#47647C }
```

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



Here you see how a box with a 4 pixel #47647C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47647C; -webkit-box-shadow:4px 4px  
4px 4px #47647C; box-shadow:4px 4px 4px  
4px #47647C }
```

Background

The CSS property to change the background color of an element to Hex 47647C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47647C }
```

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

```
.background{ background-color:#47647C }
```

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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