

Converting Colors

Hex(4F547C)

Have a look what the booklet for
Hex(4F547C) contains.

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Color

Hex(4F547C)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 4F547C |
| RGB | 79, 84, 124 |
| RGB Percent | 31%, 33%, 49% |
| CMY | 0.6902, 0.6706, 0.5137 |
| CMYK | 0.36, 0.32, 0.00, 0.51 |
| HSL | 233°, 22%, 40% |
| HSV | 233°, 36%, 49% |
| XYZ | 10.0329, 9.4581, 20.3656 |
| YIQ | 87.0650, -15.8200, 11.3800 |

Conversions

Conversions Part 2

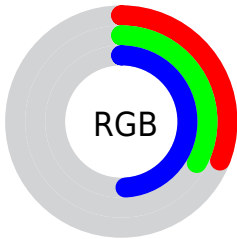
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 79, 84, 124 |
| Decimal | 5198972 |
| CIE Lab | 36.85, 8.49, -23.25 |
| CIE LCh | 37, 24.756, 290.060 |
| Yxy | 9.4581, 0.2517, 0.2373 |
| Android (android.graphics.Color) | 4283389052 (0xFF4F547C) |
| YUV | 87.0650, 18.2090, -7.0730 |
| Hunter-Lab | 30.7541, 4.4121, -17.7344 |

Details

The Hex color **4F547C** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7C774F**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **8285B1**, and **1F274B** is the 20% darker color. If you saturate the color by 10%, you get **43497C**, and if you desaturate by 10%, it is **5B5F7C**.

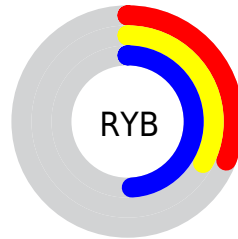
Distribution



Red (31%)

Green (33%)

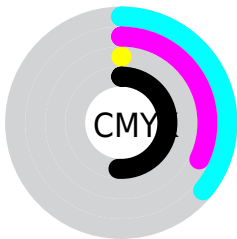
Blue (49%)



Red (31%)

Yellow (33%)

Blue (49%)

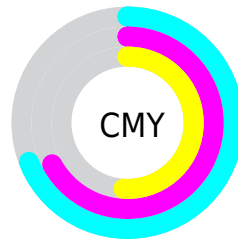


Cyan (36%)

Magenta (32%)

Yellow (0%)

Black (51%)



Cyan (69%)

Magenta (67%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F547C 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 4F547C by changing the saturation by 10% instead.



4F547C



4F547C

FFFFFF



373D63



8285B1



1F274B



9CA0CC



061334



B7BAE9



00021F



D3D6FF



000001



F0F3FF



000000



4F547C



4F547C



43497C



5B5F7C



363E7C



686A7C

■ 2A337C

■ 74757C

■ 1D287C

■ 81807C

■ 111D7C

■ 8D8B7C

■ 05127C

■ 99967C

■ 000E7C

■ A6A17C

■ B2AC7C

■ BFB77C

Harmonies

Analogous

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



2C5B7E



4F547C



694D70

Triad

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



4F547C



774C39



24614F

Complementary

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



4F547C



7C774F

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.



3F5E3C



4F547C



69532F

Square

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



4F547C



7D484A



565A31



006164

Rectangle

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



4F547C



754965



565A31



2E6048

Sweetspot

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



4F547C



8F91A1



4F7C77



474852



D1D1D1



525252

Same Dimension

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



4F547C



5A62A1



604F7C



37383D



000E7D



001CFC

Inverse Universe

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



7C4F54



A15A62



6B7C4F



3D3738



7D000E



FC001C

Previews

White Background



This preview shows how the Hex color 4F547C looks on a white background.

Color Contrast Check

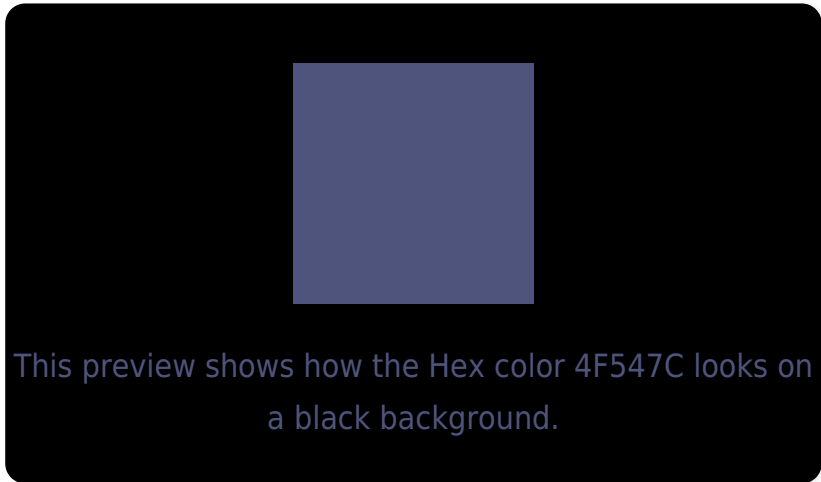
Large Text (above 18pt) WCAG AA ✓ Pass

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

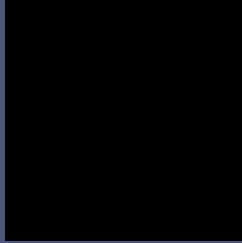
Any Text WCAG AA × Fail

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 4F547C Background



This preview shows how black text looks on a background with the Hex color 4F547C.



This preview shows how white text looks on a background with the Hex color 4F547C.

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](#).

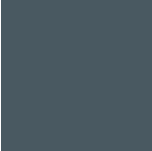
Dichromacy



Original Color
4F547C

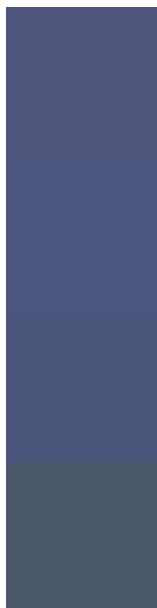
Protanopia
4A557D

Deuteranopia
49567C



Tritanopia
495961

Trichromacy



Original Color
4F547C

Protanomaly
4C557D

Deuteranomaly
4B557C

Tritanomaly
4B576B

Monochromacy



Original Color
4F547C

Achromatopsia
575757

Achromatomaly
545664

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F547C 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 #4F547C looks like.

```
.text, #text, p{  
    color:#4F547C  
}
```

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 #4F547C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F547C
}
```

Border

The CSS property to change the border of an element to Hex 4F547C 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
#4F547C }
```

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

```
.border{ border-color:#4F547C }
```

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

Here you see how a box with a 4 pixel #4F547C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F547C; -webkit-box-shadow:4px 4px  
4px 4px #4F547C; box-shadow:4px 4px 4px  
4px #4F547C }
```

Background

The CSS property to change the background color of an element to Hex 4F547C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F547C }
```

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

```
.background{ background-color:#4F547C }
```

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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