

# Converting Colors

Hex(4F577C)

Have a look what the booklet for  
Hex(4F577C) contains.

<b>Hex(4F577C)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(4F577C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4F577C
RGB	79, 87, 124
RGB Percent	31%, 34%, 49%
CMY	0.6902, 0.6588, 0.5137
CMYK	0.36, 0.30, 0.00, 0.51
HSL	229°, 22%, 40%
HSV	229°, 36%, 49%
XYZ	10.2707, 9.9339, 20.4449
YIQ	88.8260, -16.6450, 9.8110

# Conversions

## Conversions Part 2

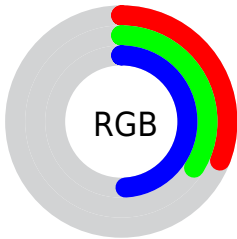
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	79, 86, 124
Decimal	5199740
CIE Lab	37.72, 6.59, -21.90
CIE LCh	38, 22.869, 286.740
Yxy	9.9339, 0.2527, 0.2444
Android (android.graphics.Color)	4283389820 (0xFF4F577C)
YUV	88.8260, 17.3408, -8.6174
Hunter-Lab	31.5181, 3.0108, -16.3971

# Details

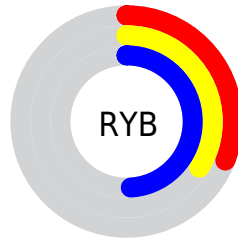
The Hex color **4F577C** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7C744F**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **8289B1**, and **1F2A4B** is the 20% darker color. If you saturate the color by 10%, you get **434D7C**, and if you desaturate by 10%, it is **5B617C**.

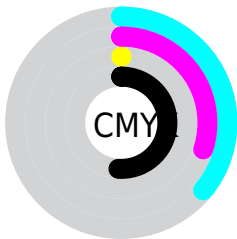
# Distribution



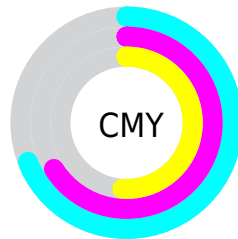
- Red (31%)
- Green (34%)
- Blue (49%)



- Red (31%)
- Yellow (34%)
- Blue (49%)



- Cyan (36%)
- Magenta (30%)
- Yellow (0%)
- Black (51%)



- Cyan (69%)
- Magenta (66%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F577C 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 4F577C by changing the saturation by 10% instead.





4F577C



4F577C

FFFFFF



374063



8289B1



1F2A4B



9CA3CC



061634



B7BEE8



00021F



D3DAFF



000002



F0F6FF



000000



4F577C



4F577C



434D7C



5B617C



36437C



686B7C

■ 2A387C

■ 74767C

■ 1D2E7C

■ 81807C

■ 11247C

■ 8D8A7C

■ 051A7C

■ 99947C

■ 00167C

■ A69E7C

■ B2A97C

■ BFB37C

# Harmonies

## Analogous

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



305D7C



4F577C



685072

# Triad

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



4F577C



794F3F



2F6250

# Complementary

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



4F577C



7C744F

# 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.



46603F



4F577C



6C5535

# Square

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



4F577C



7D4B4F



5B5B35



166363

# Rectangle

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



4F577C



744D68



5B5B35



37624A



# Sweetspot

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



4F577C



8F92A1



4F7C74



474952



D1D1D1



525252



# Same Dimension

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



4F577C



5A67A1



5D4F7C



37383D



00167D



002DFC



# Inverse Universe

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



7C4F57



A15A67



6E7C4F



3D3738



7D0016



FC002D



# Previews

## White Background



This preview shows how the Hex color 4F577C looks on a white background.

## Color Contrast Check

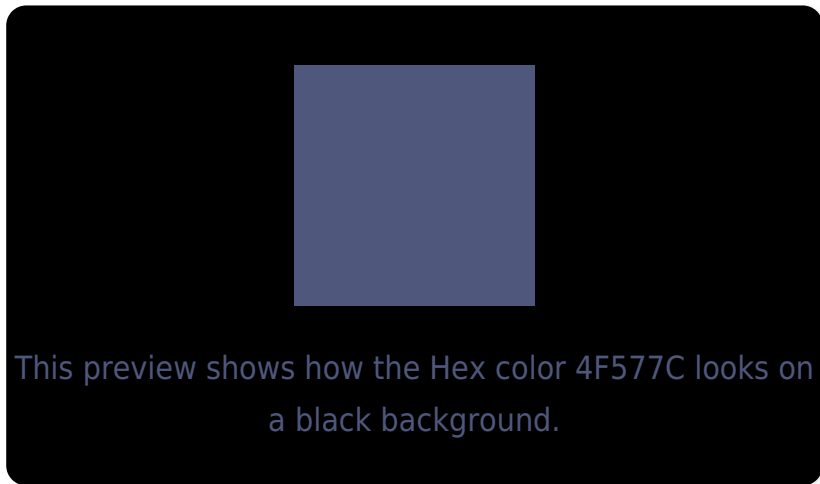
Large Text (above 18pt) WCAG AA ✓ Pass

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

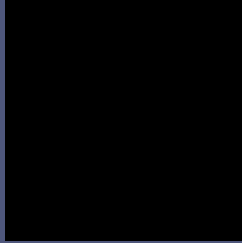
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4F577C Background



This preview shows how black text looks on a background with the Hex color 4F577C.

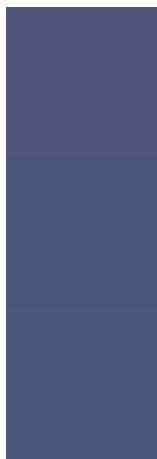


This preview shows how white text looks on a background with the Hex color 4F577C.

# 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](#).

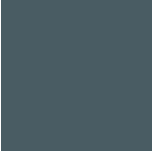
## Dichromacy



**Original Color**  
4F577C

**Protanopia**  
4D577C

**Deuteranopia**  
4D587C



**Tritanopia**  
495C63

# Trichromacy



**Original Color**  
4F577C

**Protanomaly**  
4E577C

**Deuteranomaly**  
4E587C

**Tritanomaly**  
4B5A6C

# Monochromacy



**Original Color**  
4F577C

**Achromatopsia**  
595959

**Achromatomaly**  
555866

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F577C 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 #4F577C looks like.

```
.text, #text, p{  
    color:#4F577C  
}
```

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 #4F577C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F577C
}
```

## Border

The CSS property to change the border of an element to Hex 4F577C 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
#4F577C }
```

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

```
.border{ border-color:#4F577C }
```

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

Here you see how a box with a 4 pixel #4F577C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F577C; -webkit-box-shadow:4px 4px  
4px 4px #4F577C; box-shadow:4px 4px 4px  
4px #4F577C }
```

# Background

The CSS property to change the background color of an element to Hex 4F577C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F577C }
```

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

```
.background{ background-color:#4F577C }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor