

# Converting Colors

Hex(4D697C)

Have a look what the booklet for  
Hex(4D697C) contains.

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# Color

Hex(4D697C)

# Conversions

## Conversions Part 1

Format	Color
Hex	4D697C
RGB	77, 105, 124
RGB Percent	30%, 41%, 49%
CMY	0.6980, 0.5882, 0.5137
CMYK	0.38, 0.15, 0.00, 0.51
HSL	204°, 23%, 39%
HSV	204°, 38%, 49%
XYZ	11.7502, 13.1362, 20.9850
YIQ	98.7940, -22.7870, -0.0270

# Conversions

## Conversions Part 2

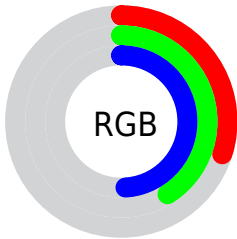
Format	Color
<b>RYB</b>	77, 95, 124
Decimal	5073276
CIELab	42.97, -5.09, -13.86
CIElCh	43, 14.763, 249.828
Yxy	13.1362, 0.2562, 0.2864
Android (android.graphics.Color)	4283263356 (0xFF4D697C)
YUV	98.7940, 12.4266, -19.1133
Hunter-Lab	36.2439, -5.5572, -8.9579

# Details

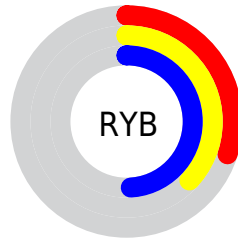
The Hex color **4D697C** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7C604D**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **809CB1**, and **1D3A4B** is the 20% darker color. If you saturate the color by 10%, you get **41647C**, and if you desaturate by 10%, it is **596E7C**.

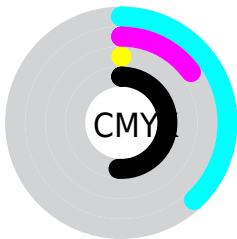
# Distribution



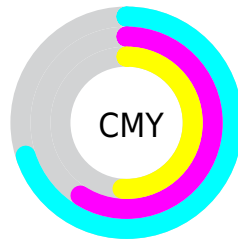
- Red (30%)
- Green (41%)
- Blue (49%)



- Red (30%)
- Yellow (37%)
- Blue (49%)



- Cyan (38%)
- Magenta (15%)
- Yellow (0%)
- Black (51%)



- Cyan (70%)
- Magenta (59%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D697C 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 4D697C by changing the saturation by 10% instead.



■ 4D697C

■ 4D697C

FFFFFF

■ 355163

■ 809CB1

■ 1D3A4B

■ 9AB7CC

■ 032434

■ B5D3E8

■ 000F1F

■ D1EFFF

■ 000004

■ EEEFFF

■ 000000

■ 4D697C

■ 4D697C

■ 41647C

■ 596E7C

■ 345F7C

■ 66737C

■ 285A7C

■ 72787C

■ 1B557C

■ 7F7D7C

■ 0F507C

■ 8B827C

■ 034B7C

■ 97877C

■ 004A7C

■ A48C7C

■ B0917C

■ BD967C

# Harmonies

## Analogous

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



446C75



4D697C



5D657D

# Triad

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



4D697C



7E5D62



5D6953

# Complementary

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



4D697C



7C604D

# 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.



6B664D



4D697C



7D5E56

# Square

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



4D697C



795E6E



76624F



4F6C5D

# Rectangle

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



4D697C



67627B



76624F



626850



# Sweetspot

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



4D697C



8F9AA1



4D7C60



474D52



D1D1D1



525252



# Same Dimension

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



4D697C



5883A1



4D527C



373B3D



004A7D



0096FC



# Inverse Universe

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



7C4D69



A15883



7C774D



3D373B



7D004A



FC0096



# Previews

## White Background



This preview shows how the Hex color 4D697C looks on a white background.

## Color Contrast Check

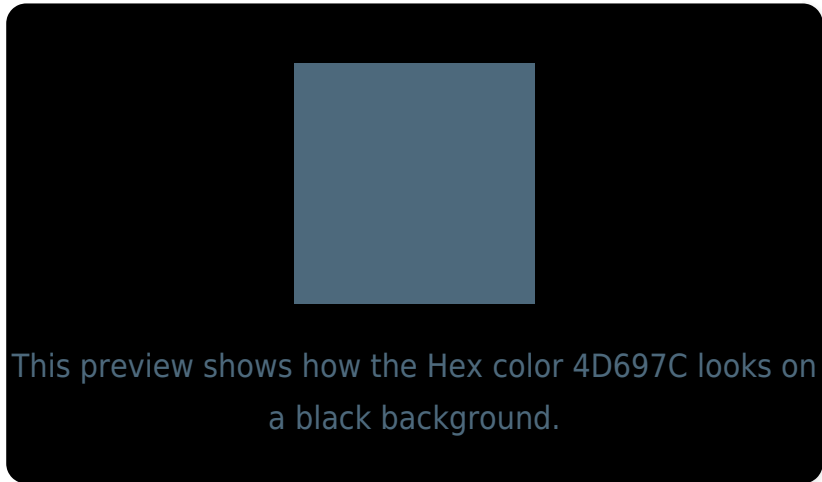
Large Text (above 18pt) WCAG AA ✓ Pass

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

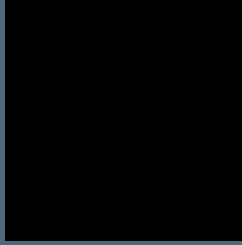
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

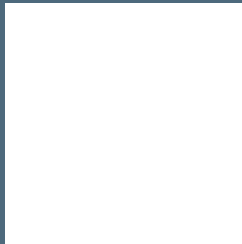
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4D697C Background



This preview shows how black text looks on a background with the Hex color 4D697C.



This preview shows how white text looks on a background with the Hex color 4D697C.

# 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**  
4D697C

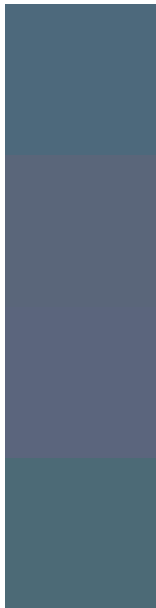
**Protanopia**  
616479

**Deuteranopia**  
63637D



**Tritanopia**  
4B6B73

# Trichromacy



**Original Color**  
4D697C

**Protanomaly**  
5A667A

**Deuteranomaly**  
5B657D

**Tritanomaly**  
4C6A76

# Monochromacy



**Original Color**  
4D697C

**Achromatopsia**  
636363

**Achromatomaly**  
5B656C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D697C 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 #4D697C looks like.

```
.text, #text, p{  
    color:#4D697C  
}
```

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 #4D697C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D697C
}
```

## Border

The CSS property to change the border of an element to Hex 4D697C 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
#4D697C }
```

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

```
.border{ border-color:#4D697C }
```

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

Here you see how a box with a 4 pixel #4D697C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D697C; -webkit-box-shadow:4px 4px  
4px 4px #4D697C; box-shadow:4px 4px 4px  
4px #4D697C }
```

# Background

The CSS property to change the background color of an element to Hex 4D697C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D697C }
```

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

```
.background{ background-color:#4D697C }
```

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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