

# Converting Colors

Hex(4F6B6C)

Have a look what the booklet for  
Hex(4F6B6C) contains.

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# Color

Hex(4F6B6C)

# Conversions

## Conversions Part 1

Format	Color
Hex	4F6B6C
RGB	79, 107, 108
RGB Percent	31%, 42%, 42%
CMY	0.6902, 0.5804, 0.5765
CMYK	0.27, 0.01, 0.00, 0.58
HSL	182°, 16%, 37%
HSV	182°, 27%, 42%
XYZ	11.1889, 13.2604, 16.1571
YIQ	98.7420, -17.0090, -5.6250

# Conversions

## Conversions Part 2

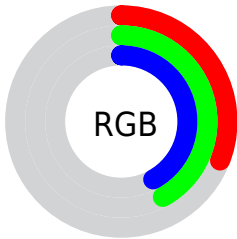
<b>Format</b>	<b>Color</b>
<b>RYB</b>	79, 93, 108
Decimal	5204844
CIELab	43.15, -9.92, -3.90
CIELCh	43, 10.658, 201.443
Yxy	13.2604, 0.2755, 0.3266
Android (android.graphics.Color)	4283394924 (0xFF4F6B6C)
YUV	98.7420, 4.5642, -17.3137
Hunter-Lab	36.4148, -8.8794, -0.8165

# Details

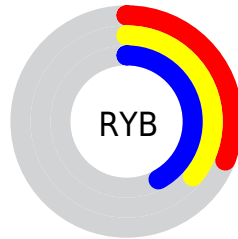
The Hex color **4F6B6C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6C504F**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **819E9F**, and **213C3D** is the 20% darker color. If you saturate the color by 10%, you get **446B6C**, and if you desaturate by 10%, it is **5A6B6C**.

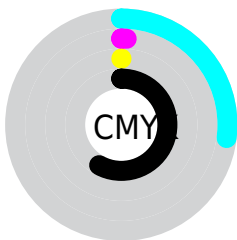
# Distribution



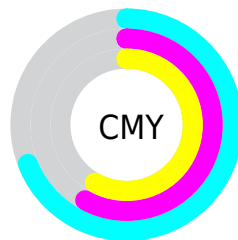
- Red (31%)
- Green (42%)
- Blue (42%)



- Red (31%)
- Yellow (36%)
- Blue (42%)



- Cyan (27%)
- Magenta (1%)
- Yellow (0%)
- Black (58%)



- Cyan (69%)
- Magenta (58%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F6B6C 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 4F6B6C by changing the saturation by 10% instead.





4F6B6C



4F6B6C

FFFFFF



375354



819E9F



213C3D



9BB9BA



0A2627



B6D5D6



001212



D2F1F2



000000



FFFFFF



4F6B6C



4F6B6C



446B6C



5A6B6C



396A6C



656C6C

■ 2F6A6C

■ 6F6C6C

■ 246A6C

■ 7A6C6C

■ 19696C

■ 856D6C

■ 0E696C

■ 906D6C

■ 03686C

■ 9B6E6C

■ 00686C

■ A56E6C

■ B06E6C

# Harmonies

## Analogous

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



536B63



4F6B6C



516A73

# Triad

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



4F6B6C



6F6271



6F6455

# Complementary

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



4F6B6C



6C504F

# 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.



766258



4F6B6C



766069

# Square

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



4F6B6C



646576



796060



666755

# Rectangle

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



4F6B6C



566876



796060



726355



# Sweetspot

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



4F6B6C



818C8C



4F6C50



404747



C7C7C7



474747



# Same Dimension

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



4F6B6C



5F8B8C



4F5D6C



303536



007175



00ECF5



# Inverse Universe

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



6C4F6B



8C5F8B



6C5E4F



363035



750071



F500EC



# Previews

## White Background



This preview shows how the Hex color 4F6B6C looks on a white background.

## Color Contrast Check

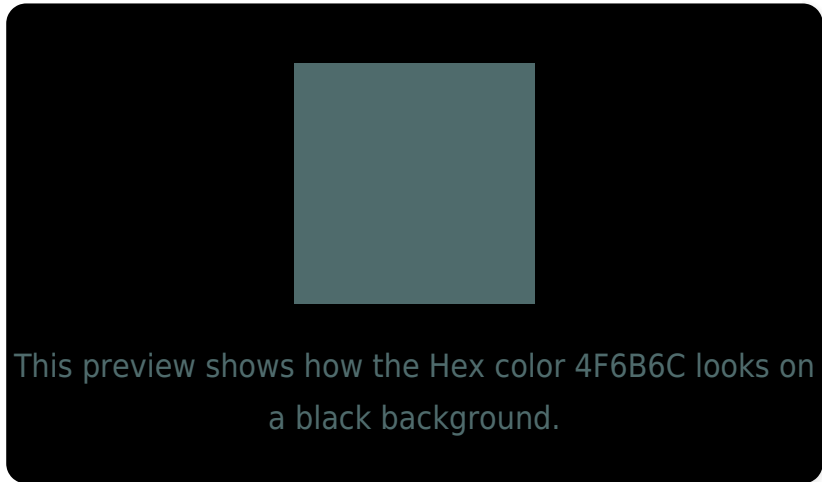
Large Text (above 18pt) WCAG AA ✓ Pass

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

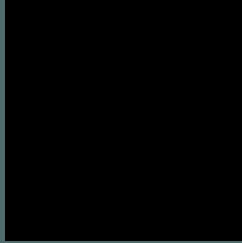
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

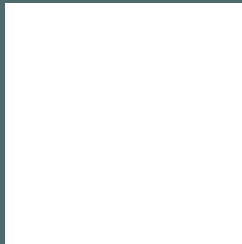
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4F6B6C Background



This preview shows how black text looks on a background with the Hex color 4F6B6C.



This preview shows how white text looks on a background with the Hex color 4F6B6C.

# 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**  
4F6B6C

**Protanopia**  
676568

**Deuteranopia**  
6C636E



**Tritanopia**  
506A72

# Trichromacy



**Original Color**  
4F6B6C

**Protanomaly**  
5E6769

**Deuteranomaly**  
61666D

**Tritanomaly**  
506A70

# Monochromacy



**Original Color**  
4F6B6C

**Achromatopsia**  
636363

**Achromatomaly**  
5C6666

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F6B6C 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 #4F6B6C looks like.

```
.text, #text, p{  
    color:#4F6B6C  
}
```

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 #4F6B6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F6B6C
}
```

## Border

The CSS property to change the border of an element to Hex 4F6B6C 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
#4F6B6C }
```

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

```
.border{ border-color:#4F6B6C }
```

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

Here you see how a box with a 4 pixel #4F6B6C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F6B6C; -webkit-box-shadow:4px 4px  
4px 4px #4F6B6C; box-shadow:4px 4px 4px  
4px #4F6B6C }
```

# Background

The CSS property to change the background color of an element to Hex 4F6B6C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F6B6C }
```

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

```
.background{ background-color:#4F6B6C }
```

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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