

# Converting Colors

Hex(4F6D82)

Have a look what the booklet for  
Hex(4F6D82) contains.

<b>Hex(4F6D82)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(4F6D82)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4F6D82
RGB	79, 109, 130
RGB Percent	31%, 43%, 51%
CMY	0.6902, 0.5725, 0.4902
CMYK	0.39, 0.16, 0.00, 0.49
HSL	205°, 24%, 41%
HSV	205°, 39%, 51%
XYZ	12.7224, 14.2112, 23.1916
YIQ	102.4240, -24.6210, 0.1710

# Conversions

## Conversions Part 2

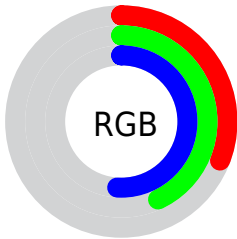
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	79, 98, 130
Decimal	5205378
CIE <sub>Lab</sub>	44.53, -5.16, -15.07
CIE <sub>LCh</sub>	45, 15.929, 251.114
Yxy	14.2112, 0.2538, 0.2835
Android (android.graphics.Color)	4283395458 (0xFF4F6D82)
YUV	102.4240, 13.5950, -20.5428
Hunter-Lab	37.6978, -5.7305, -10.0866

# Details

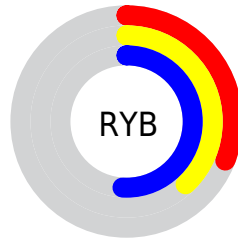
The Hex color **4F6D82** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **82644F**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **82A0B7**, and **1E3E51** is the 20% darker color. If you saturate the color by 10%, you get **426882**, and if you desaturate by 10%, it is **5C7282**.

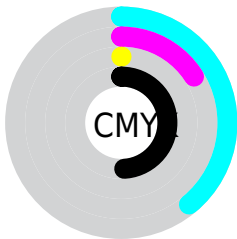
# Distribution



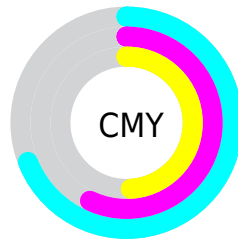
- Red (31%)
- Green (43%)
- Blue (51%)



- Red (31%)
- Yellow (38%)
- Blue (51%)



- Cyan (39%)
- Magenta (16%)
- Yellow (0%)
- Black (49%)



- Cyan (69%)
- Magenta (57%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F6D82 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 4F6D82 by changing the saturation by 10% instead.





4F6D82



4F6D82

FFFFFF



365569



82A0B7



1E3E51



9DBBD3



02283A



B8D7EF



001324



D4F4FF



00010D



F1FFFF



000000



4F6D82



4F6D82



426882



5C7282



356282



697882

■ 285D82

■ 767D82

■ 1B5882

■ 838282

■ 0E5282

■ 908882

■ 014D82

■ 9D8D82

■ 004C82

■ AA9282

■ B79882

■ C49D82

# Harmonies

## Analogous

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



45707A



4F6D82



606983

# Triad

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



4F6D82



846065



5F6E55

# Complementary

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



4F6D82



82644F

# 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.



6E6A4F



4F6D82



836258

# Square

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



4F6D82



7E6172



7B6651



517060

# Rectangle

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



4F6D82



6C6680



7B6651



646D52



# Sweetspot

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



4F6D82



94A0A8



4F8263



484F54



D4D4D4



545454



# Same Dimension

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



4F6D82



5988A8



4F5482



393D40



004B80



000000



# Inverse Universe

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



824F6D



A85988



827D4F



40393D



80004B



000000



# Previews

## White Background



This preview shows how the Hex color 4F6D82 looks on a white background.

## Color Contrast Check

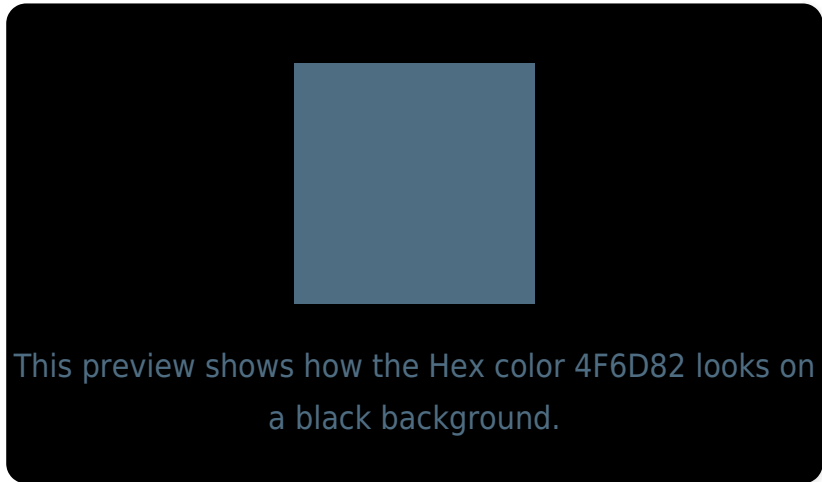
Large Text (above 18pt) WCAG AA ✓ Pass

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

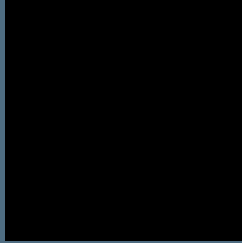
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

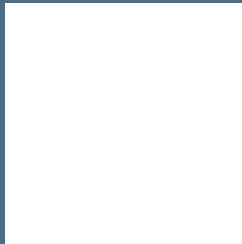
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4F6D82 Background



This preview shows how black text looks on a background with the Hex color 4F6D82.

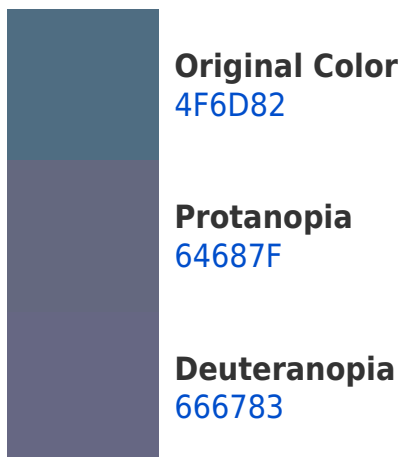


This preview shows how white text looks on a background with the Hex color 4F6D82.

# 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](#).

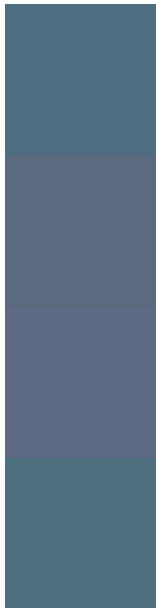
## Dichromacy





**Tritanopia**  
4C6F78

# Trichromacy



**Original Color**  
4F6D82

**Protanomaly**  
5C6A80

**Deuteranomaly**  
5E6983

**Tritanomaly**  
4D6E7C

# Monochromacy



**Original Color**  
4F6D82

**Achromatopsia**  
666666

**Achromatomaly**  
5E6970

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F6D82 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 #4F6D82 looks like.

```
.text, #text, p{  
    color:#4F6D82  
}
```

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 #4F6D82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F6D82
}
```

## Border

The CSS property to change the border of an element to Hex 4F6D82 is called "border". The border property can be set on classes, ids or directly on the HTML element.

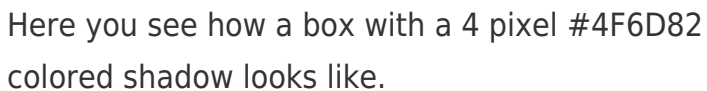
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4F6D82 }
```

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

```
.border{ border-color:#4F6D82 }
```

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



Here you see how a box with a 4 pixel #4F6D82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F6D82; -webkit-box-shadow:4px 4px  
4px 4px #4F6D82; box-shadow:4px 4px 4px  
4px #4F6D82 }
```

# Background

The CSS property to change the background color of an element to Hex 4F6D82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F6D82 }
```

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

```
.background{ background-color:#4F6D82 }
```

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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