

# Converting Colors

Hex(4F6F8B)

Have a look what the booklet for  
Hex(4F6F8B) contains.

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# Color

**Hex(4F6F8B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4F6F8B
RGB	79, 111, 139
RGB Percent	31%, 44%, 55%
CMY	0.6902, 0.5647, 0.4549
CMYK	0.43, 0.20, 0.00, 0.45
HSL	208°, 28%, 43%
HSV	208°, 43%, 55%
XYZ	13.5691, 14.8952, 26.5860
YIQ	104.6240, -28.0600, 1.9240

# Conversions

## Conversions Part 2

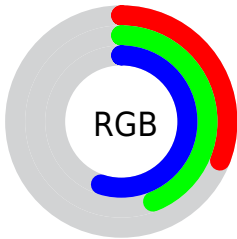
<b>Format</b>	<b>Color</b>
<b>RYB</b>	79, 100, 139
Decimal	5205899
CIELab	45.49, -3.72, -18.99
CIELCh	45, 19.349, 258.904
Yxy	14.8952, 0.2465, 0.2706
Android (android.graphics.Color)	4283395979 (0xFF4F6F8B)
YUV	104.6240, 16.9474, -22.4722
Hunter-Lab	38.5943, -4.7826, -13.8263

# Details

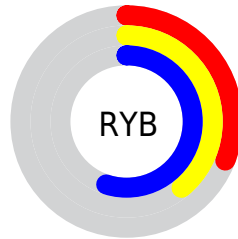
The Hex color **4F6F8B** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8B6B4F**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **83A3C1**, and **1C3F59** is the 20% darker color. If you saturate the color by 10%, you get **41698B**, and if you desaturate by 10%, it is **5D758B**.

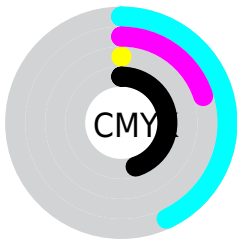
# Distribution



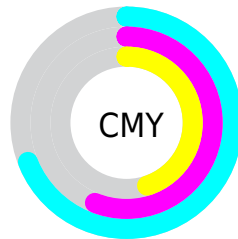
- Red (31%)
- Green (44%)
- Blue (55%)



- Red (31%)
- Yellow (39%)
- Blue (55%)



- Cyan (43%)
- Magenta (20%)
- Yellow (0%)
- Black (45%)



- Cyan (69%)
- Magenta (56%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F6F8B 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 4F6F8B by changing the saturation by 10% instead.



■ 4F6F8B

FFFFFF

■ 83A3C1

■ 9EBEDC

■ B9D9F9

■ D5F6FF

■ F2FFFF

■ 4F6F8B

■ 365771

■ 1C3F59

■ 002A41

■ 00152B

■ 000116

■ 000000

■ 4F6F8B

■ 41698B

■ 33628B

■ 4F6F8B

■ 5D758B

■ 6B7C8B

■ 255C8B

■ 79828B

■ 17558B

■ 87898B

■ 0A4F8B

■ 948F8B

■ 004A8B

■ A2968B

■ B09C8B

■ BEA38B

■ CCA98B

# Harmonies

## Analogous

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



3E7383



4F6F8B



666A8A

# Triad

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



4F6F8B



8C6062



5A7256

# Complementary

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



4F6F8B



8B6B4F

# 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.



6D6E4D



4F6F8B



886354

# Square

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



4F6F8B



886072



7D694C



487465

# Rectangle

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



4F6F8B



746685



7D694C



617152



# Sweetspot

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



4F6F8B



9EAAB5



4F8B6B



4D555C



DBDBDB



5C5C5C



# Same Dimension

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



4F6F8B



5789B5



4F518B



3E4245



004785



000305



# Inverse Universe

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



8B4F6F



B55789



8B894F



453E42



850047



050003



# Previews

## White Background



This preview shows how the Hex color 4F6F8B looks on a white background.

## Color Contrast Check

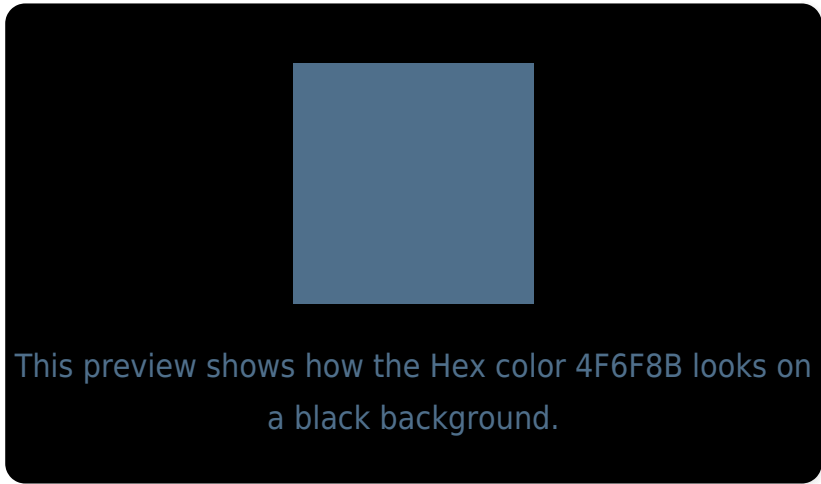
Large Text (above 18pt) WCAG AA ✓ Pass

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

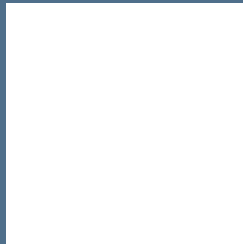
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4F6F8B Background



This preview shows how black text looks on a background with the Hex color 4F6F8B.

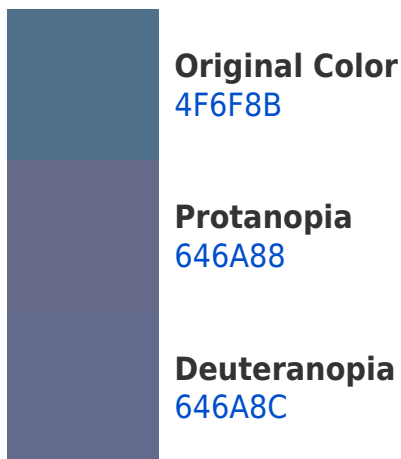


This preview shows how white text looks on a background with the Hex color 4F6F8B.

# 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](#).

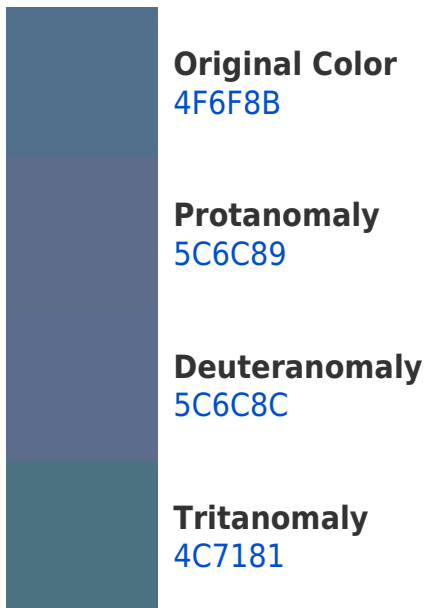
## Dichromacy



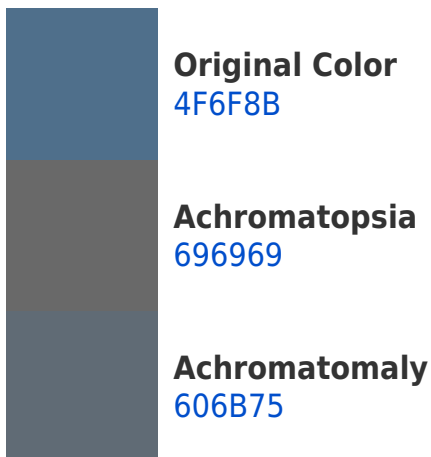


**Tritanopia**  
4B727B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F6F8B 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 #4F6F8B looks like.

```
.text, #text, p{  
    color:#4F6F8B  
}
```

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 #4F6F8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F6F8B
}
```

## Border

The CSS property to change the border of an element to Hex 4F6F8B 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
#4F6F8B }
```

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

```
.border{ border-color:#4F6F8B }
```

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

Here you see how a box with a 4 pixel #4F6F8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F6F8B; -webkit-box-shadow:4px 4px  
4px 4px #4F6F8B; box-shadow:4px 4px 4px  
4px #4F6F8B }
```

# Background

The CSS property to change the background color of an element to Hex 4F6F8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F6F8B }
```

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

```
.background{ background-color:#4F6F8B }
```

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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