

# Converting Colors

Hex(4F7E8E)

Have a look what the booklet for  
Hex(4F7E8E) contains.

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# Color

**Hex(4F7E8E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4F7E8E
RGB	79, 126, 142
RGB Percent	31%, 49%, 56%
CMY	0.6902, 0.5059, 0.4431
CMYK	0.44, 0.11, 0.00, 0.44
HSL	195°, 29%, 43%
HSV	195°, 44%, 56%
XYZ	15.5678, 18.5370, 28.3487
YIQ	113.7710, -33.1480, -4.9880

# Conversions

## Conversions Part 2

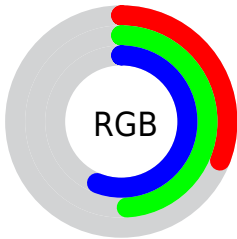
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	79, 106, 142
Decimal	5209742
CIE <sub>Lab</sub>	50.14, -11.52, -13.67
CIE <sub>LCh</sub>	50, 17.880, 229.879
Yxy	18.5370, 0.2493, 0.2968
Android (android.graphics.Color)	4283399822 (0xFF4F7E8E)
YUV	113.7710, 13.9169, -30.4942
Hunter-Lab	43.0546, -10.8030, -8.9004

# Details

The Hex color **4F7E8E** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8E5F4F**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **83B3C4**, and **1A4D5C** is the 20% darker color. If you saturate the color by 10%, you get **417A8E**, and if you desaturate by 10%, it is **5D828E**.

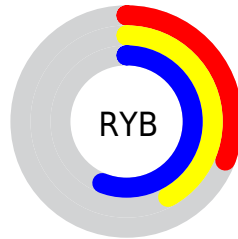
# Distribution



Red (31%)

Green (49%)

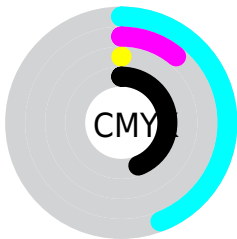
Blue (56%)



Red (31%)

Yellow (42%)

Blue (56%)

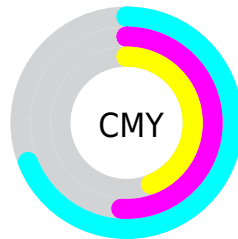


Cyan (44%)

Magenta (11%)

Yellow (0%)

Black (44%)



Cyan (69%)

Magenta (51%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F7E8E 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 4F7E8E by changing the saturation by 10% instead.





4F7E8E



4F7E8E

FFFFFF



356574



83B3C4



1A4D5C



9ECEEE0



003644



BAE AFC



00212E



D6FFFF



00021A



F3FFFF



000000



4F7E8E



4F7E8E



417A8E



5D828E



33778E



6B858E

■ 24738E

■ 7A898E

■ 16708E

■ 888C8E

■ 086C8E

■ 96908E

■ 006A8E

■ A4948E

■ B2978E

■ C19B8E

■ CF9E8E

# Harmonies

## Analogous

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



4C8081



4F7E8E



5E7A95

# Triad

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



4F7E8E



926D7D



78795B

# Complementary

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



4F7E8E



8E5F4F

# 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.



87755A



4F7E8E



976D6E

# Square

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



4F7E8E



86708B



927061



677D63

# Rectangle

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



4F7E8E



6C7795



927061



7E7859



# Sweetspot

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



4F7E8E



A0B2B8



4F8E5F



4D585C



DBDBDB



5C5C5C



# Same Dimension

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



4F7E8E



569FB8



4F5F8E



404647



006587



000608



# Inverse Universe

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



8E4F7E



B8569F



8E7E4F



474046



870065



080006



# Previews

## White Background



This preview shows how the Hex color 4F7E8E looks on a white background.

## Color Contrast Check

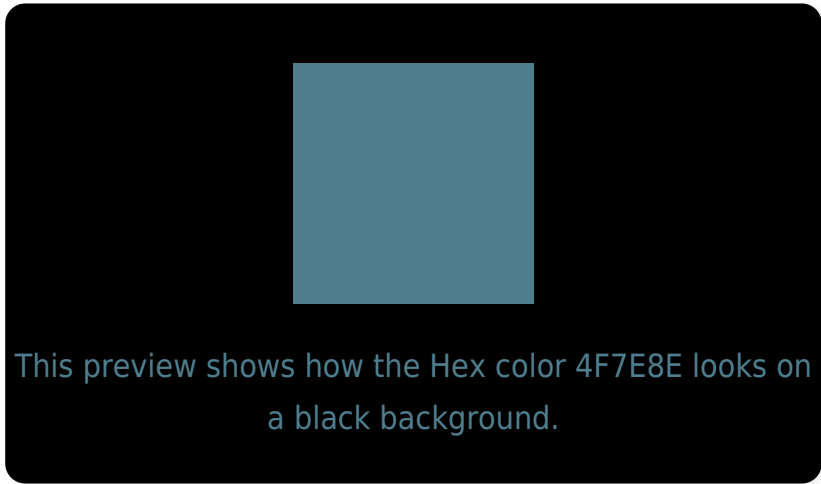
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

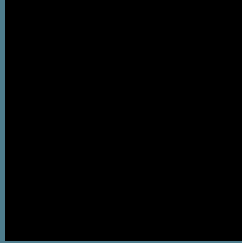
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4F7E8E Background



This preview shows how black text looks on a background with the Hex color 4F7E8E.

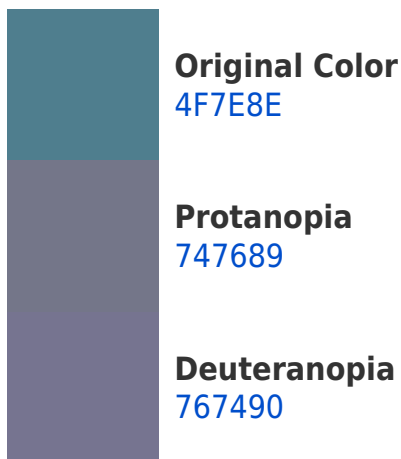


This preview shows how white text looks on a background with the Hex color 4F7E8E.

# 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**  
4E7F89

# Trichromacy



**Original Color**  
4F7E8E

**Protanomaly**  
67798B

**Deuteranomaly**  
68788F

**Tritanomaly**  
4E7F8B

# Monochromacy



**Original Color**  
4F7E8E

**Achromatopsia**  
727272

**Achromatomaly**  
65767C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F7E8E 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 #4F7E8E looks like.

```
.text, #text, p{  
    color:#4F7E8E  
}
```

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 #4F7E8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F7E8E
}
```

## Border

The CSS property to change the border of an element to Hex 4F7E8E 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
#4F7E8E }
```

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

```
.border{ border-color:#4F7E8E }
```

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

Here you see how a box with a 4 pixel #4F7E8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F7E8E; -webkit-box-shadow:4px 4px  
4px 4px #4F7E8E; box-shadow:4px 4px 4px  
4px #4F7E8E }
```

# Background

The CSS property to change the background color of an element to Hex 4F7E8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F7E8E }
```

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

```
.background{ background-color:#4F7E8E }
```

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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