

# Converting Colors

Hex(4F8E9D)

Have a look what the booklet for  
Hex(4F8E9D) contains.

<b>Hex(4F8E9D)</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(4F8E9D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4F8E9D
RGB	79, 142, 157
RGB Percent	31%, 56%, 62%
CMY	0.6902, 0.4431, 0.3843
CMYK	0.50, 0.10, 0.00, 0.38
HSL	192°, 33%, 46%
HSV	192°, 50%, 62%
XYZ	18.9833, 23.4426, 35.4226
YIQ	124.8730, -42.3630, -8.6910

# Conversions

## Conversions Part 2

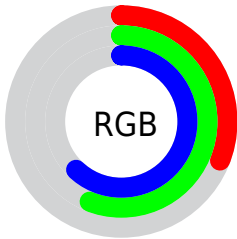
<b>Format</b>	<b>Color</b>
<b>RYB</b>	79, 114, 157
Decimal	5213853
CIELab	55.53, -16.03, -14.23
CIElCh	56, 21.438, 221.601
Yxy	23.4426, 0.2438, 0.3011
Android (android.graphics.Color)	4283403933 (0xFF4F8E9D)
YUV	124.8730, 15.8386, -40.2306
Hunter-Lab	48.4175, -14.7455, -9.4847

# Details

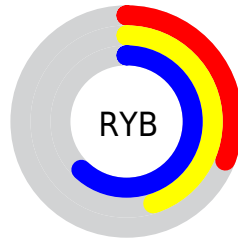
The Hex color **4F8E9D** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9D5E4F**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **85C4D4**, and **135C6A** is the 20% darker color. If you saturate the color by 10%, you get **3F8B9D**, and if you desaturate by 10%, it is **5F919D**.

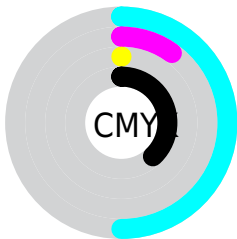
# Distribution



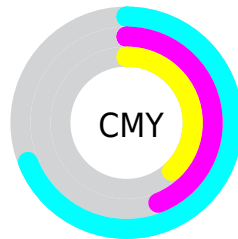
- Red (31%)
- Green (56%)
- Blue (62%)



- Red (31%)
- Yellow (45%)
- Blue (62%)



- Cyan (50%)
- Magenta (10%)
- Yellow (0%)
- Black (38%)



- Cyan (69%)
- Magenta (44%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F8E9D 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 4F8E9D by changing the saturation by 10% instead.





4F8E9D



4F8E9D

FFFFFF



337483



85C4D4



135C6A



A1E0F0



004452



BDFCFF



002E3B



DAFFFF



001A25



F7FFFF



00010F



000000



4F8E9D



4F8E9D



3F8B9D



5F919D

30889D

6E949D

20859D

7E979D

10829D

8E9A9D

007F9D

9D9D9D

ADA09D

BDA39D

CDA69D

DCA99D

# Harmonies

## Analogous

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



518F8C



4F8E9D



5F8AA8

# Triad

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



4F8E9D



A37991



8B8660

# Complementary

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



4F8E9D



9D5E4F

# 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.



9D8062



4F8E9D



AB787E

# Square

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



4F8E9D



917EA1



A87A6D



768B69

# Rectangle

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



4F8E9D



6F86AA



A87A6D



928460



# Sweetspot

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



4F8E9D



ADC6CC



4F9D5D



546266



E6E6E6



666666



# Same Dimension

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



4F8E9D



52B4CC



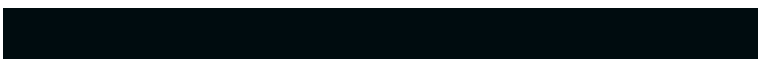
4F689D



474E4F



00738F



000C0F



# Inverse Universe

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



9D4F8E



CC52B4



9D844F



4F474E



8F0073

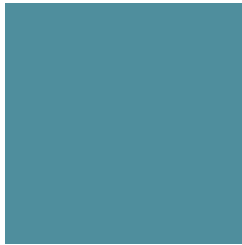


0F000C



# Previews

## White Background



This preview shows how the Hex color 4F8E9D looks on a white background.

## Color Contrast Check

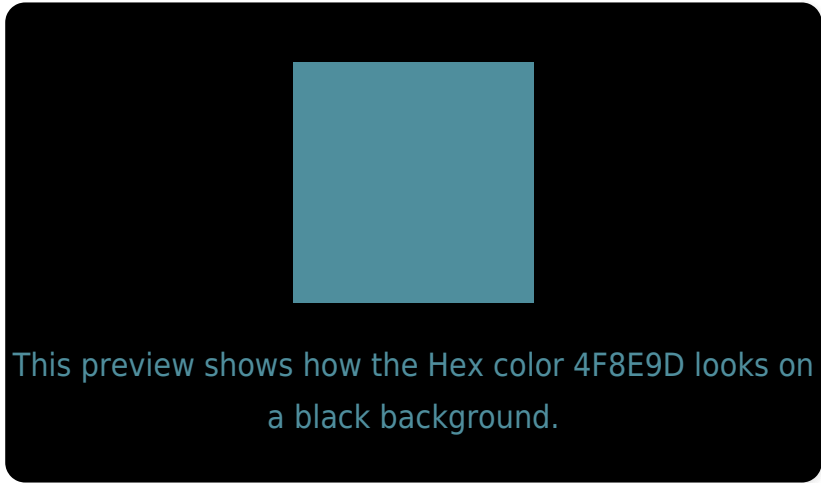
Large Text (above 18pt) WCAG AA ✓ Pass

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

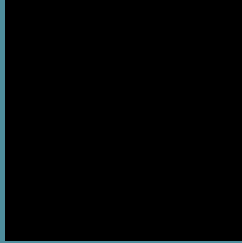
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4F8E9D Background



This preview shows how black text looks on a background with the Hex color 4F8E9D.

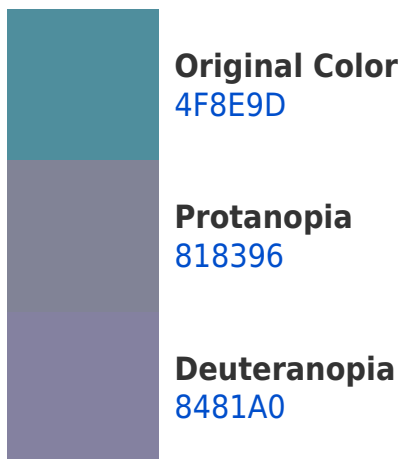


This preview shows how white text looks on a background with the Hex color 4F8E9D.

# 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](#).

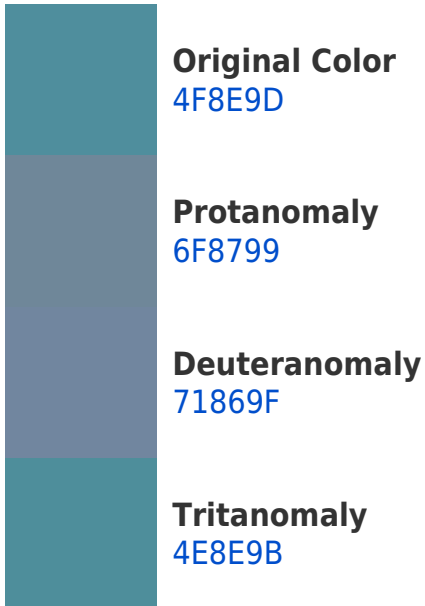
## Dichromacy



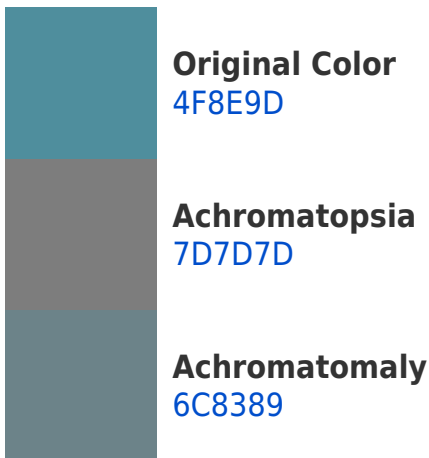


**Tritanopia**  
4E8E9A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F8E9D 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 #4F8E9D looks like.

```
.text, #text, p{  
    color:#4F8E9D  
}
```

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 #4F8E9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F8E9D
}
```

## Border

The CSS property to change the border of an element to Hex 4F8E9D 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
#4F8E9D }
```

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

```
.border{ border-color:#4F8E9D }
```

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

Here you see how a box with a 4 pixel #4F8E9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F8E9D; -webkit-box-shadow:4px 4px  
4px 4px #4F8E9D; box-shadow:4px 4px 4px  
4px #4F8E9D }
```

# Background

The CSS property to change the background color of an element to Hex 4F8E9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F8E9D }
```

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

```
.background{ background-color:#4F8E9D }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor