

# Converting Colors

Hex(4A838E)

Have a look what the booklet for  
Hex(4A838E) contains.

<b>Hex(4A838E)</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(4A838E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4A838E
RGB	74, 131, 142
RGB Percent	29%, 51%, 56%
CMY	0.7098, 0.4863, 0.4431
CMYK	0.48, 0.08, 0.00, 0.44
HSL	190°, 31%, 42%
HSV	190°, 48%, 56%
XYZ	15.8228, 19.6414, 28.5484
YIQ	115.2110, -37.5030, -8.6630

# Conversions

## Conversions Part 2

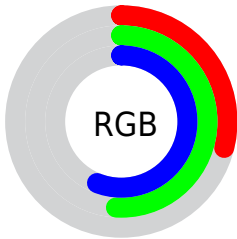
<b>Format</b>	<b>Color</b>
<b>RYB</b>	74, 105, 142
Decimal	4883342
CIELab	51.43, -15.59, -11.75
CIElCh	51, 19.522, 217.007
Yxy	19.6414, 0.2472, 0.3068
Android (android.graphics.Color)	4283073422 (0xFF4A838E)
YUV	115.2110, 13.2070, -36.1420
Hunter-Lab	44.3187, -13.8289, -7.1693

# Details

The Hex color **4A838E** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8E554A**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **7FB8C4**, and **10515C** is the 20% darker color. If you saturate the color by 10%, you get **3C818E**, and if you desaturate by 10%, it is **58858E**.

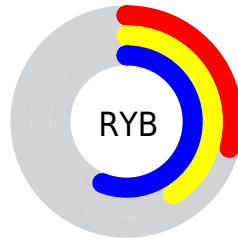
# Distribution



Red (29%)

Green (51%)

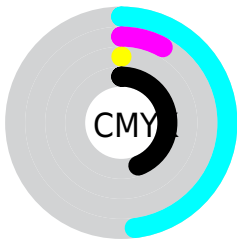
Blue (56%)



Red (29%)

Yellow (41%)

Blue (56%)

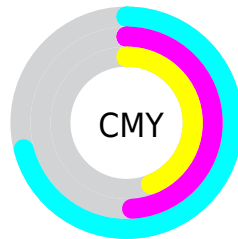


Cyan (48%)

Magenta (8%)

Yellow (0%)

Black (44%)



Cyan (71%)

Magenta (49%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4A838E 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 4A838E by changing the saturation by 10% instead.



 4A838E

 4A838E

FFFFFF

 2F6A74

 7FB8C4

 10515C

 9AD4E0

 003A44

 B6F0FC

 00242E

 D2FFFF

 000B1A

 EFFFFFF

 000000

 4A838E

 4A838E

 3C818E

 58858E

 2E7E8E

 66888E

1F7C8E

758A8E

117A8E

838C8E

03788E

918E8E

00778E

9F918E

AD938E

BC958E

CA988E

# Harmonies

## Analogous

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



4E847E



4A838E



568099

# Triad

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



4A838E



937088



837B59

# Complementary

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



4A838E



8E554A

# 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.



92755C



4A838E



9C6E77

# Square

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



4A838E



827595



9B7067



708060

# Rectangle

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



4A838E



647D9C



9B7067



887959



# Sweetspot

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



4A838E



9EB3B8



4A8E54



4C595C



DBDBDB



5C5C5C



# Same Dimension

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



4A838E



4FA7B8



4A628E



404647



007187



000608



# Inverse Universe

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



8E4A83



B84FA7



8E764A



474046



870071

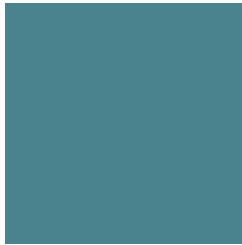


080006



# Previews

## White Background



This preview shows how the Hex color 4A838E looks on a white background.

## Color Contrast Check

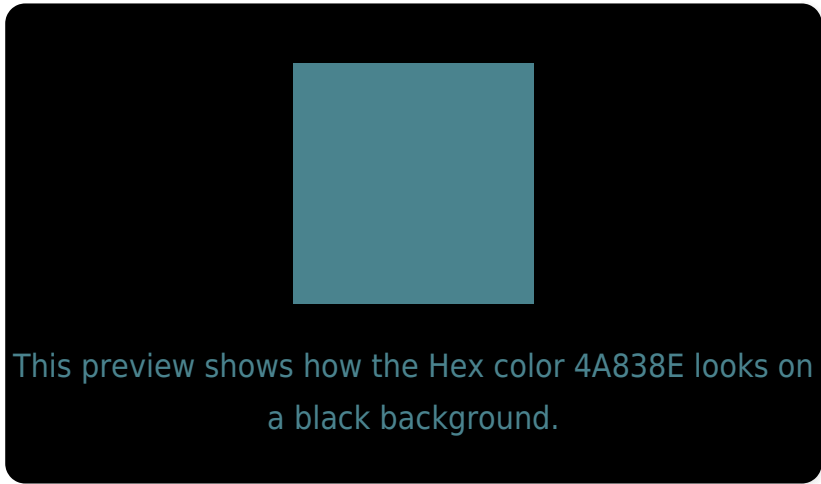
Large Text (above 18pt) WCAG AA ✓ Pass

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

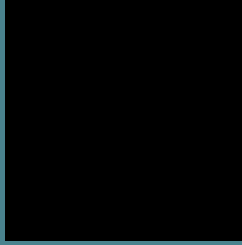
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

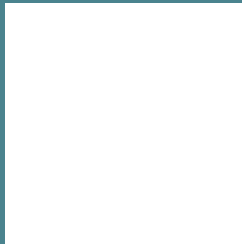
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4A838E Background



This preview shows how black text looks on a background with the Hex color 4A838E.

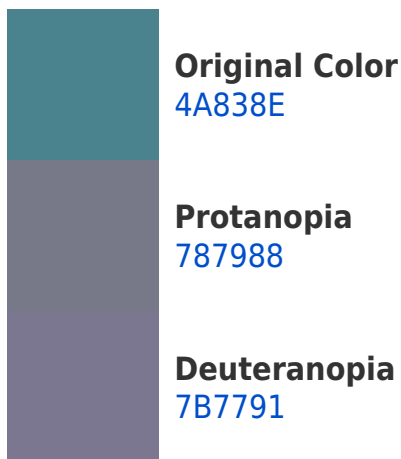



This preview shows how white text looks on a background with the Hex color 4A838E.

# 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](#).

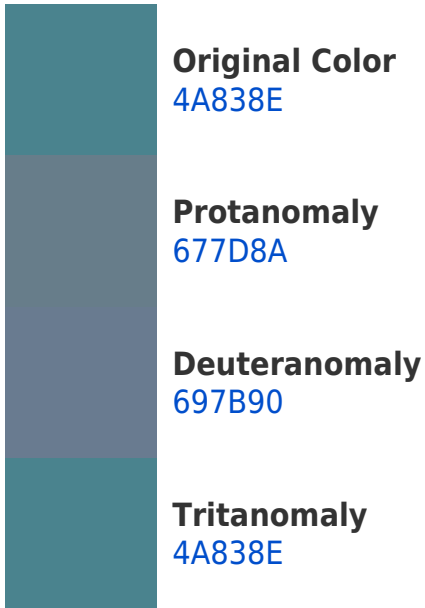
## Dichromacy



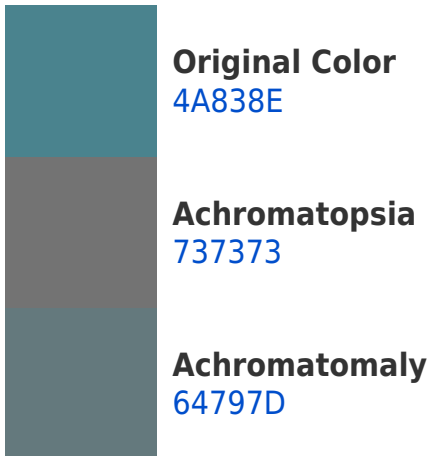


**Tritanopia**  
4A838E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4A838E 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 #4A838E looks like.

```
.text, #text, p{  
    color:#4A838E  
}
```

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 #4A838E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A838E
}
```

## Border

The CSS property to change the border of an element to Hex 4A838E 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
#4A838E }
```

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

```
.border{ border-color:#4A838E }
```

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

Here you see how a box with a 4 pixel #4A838E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A838E; -webkit-box-shadow:4px 4px  
4px 4px #4A838E; box-shadow:4px 4px 4px  
4px #4A838E }
```

# Background

The CSS property to change the background color of an element to Hex 4A838E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A838E }
```

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

```
.background{ background-color:#4A838E }
```

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