

# Converting Colors

Hex(4E849E)

Have a look what the booklet for  
Hex(4E849E) contains.

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# Color

**Hex(4E849E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4E849E
RGB	78, 132, 158
RGB Percent	31%, 52%, 62%
CMY	0.6941, 0.4824, 0.3804
CMYK	0.51, 0.16, 0.00, 0.38
HSL	200°, 34%, 46%
HSV	200°, 51%, 62%
XYZ	17.5647, 20.5909, 35.3964
YIQ	118.8180, -40.5300, -3.3620

# Conversions

## Conversions Part 2

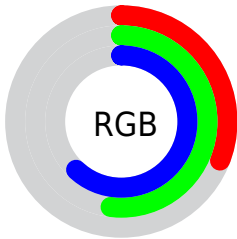
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	78, 110, 158
Decimal	5145758
CIE <sub>Lab</sub>	52.50, -10.45, -19.42
CIE <sub>LCh</sub>	52, 22.054, 241.701
Yxy	20.5909, 0.2388, 0.2799
Android (android.graphics.Color)	4283335838 (0xFF4E849E)
YUV	118.8180, 19.3167, -35.7974
Hunter-Lab	45.3771, -10.3157, -14.4851

# Details

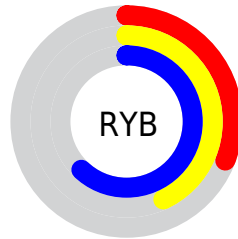
The Hex color **4E849E** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **9E684E**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **84B9D5**, and **13536B** is the 20% darker color. If you saturate the color by 10%, you get **3E7F9E**, and if you desaturate by 10%, it is **5E899E**.

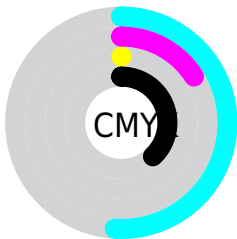
# Distribution



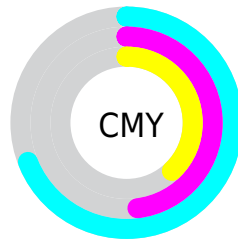
- Red (31%)
- Green (52%)
- Blue (62%)



- Red (31%)
- Yellow (43%)
- Blue (62%)



- Cyan (51%)
- Magenta (16%)
- Yellow (0%)
- Black (38%)



- Cyan (69%)
- Magenta (48%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4E849E 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 4E849E by changing the saturation by 10% instead.





4E849E



4E849E

FFFFFF



336B84



84B9D5



13536B



9FD5F1



003B52



BBF1FF



00263B



D8FFFF



001225



F5FFFF



00010F



000000



4E849E



4E849E



3E7F9E



5E899E

■ 2E7A9E

■ 6E8E9E

■ 1F759E

■ 7D939E

■ 0F6F9E

■ 8D999E

■ 006B9E

■ 9D9E9E

■ ADA39E

■ BDA89E

■ CCAD9E

■ DCB29E

# Harmonies

## Analogous

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



438790



4E849E



677FA3

# Triad

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



4E849E



A26F7D



75825D

# Complementary

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



4E849E



9E684E

# 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.



8A7C57



4E849E



A3716A

# Square

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



4E849E



967290



9A765D



60866B

# Rectangle

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



4E849E



797AA0



9A765D



7D805A



# Sweetspot

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



4E849E



B0C4CF



4E9E67



566269



E8E8E8



696969



# Same Dimension

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



4E849E



51A6CF



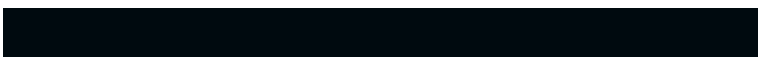
4E5D9E



474C4F



00608F



000A0F



# Inverse Universe

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



9E4E84



CF51A6



9E8F4E



4F474C



8F0060



0F000A



# Previews

## White Background



This preview shows how the Hex color 4E849E looks on a white background.

## Color Contrast Check

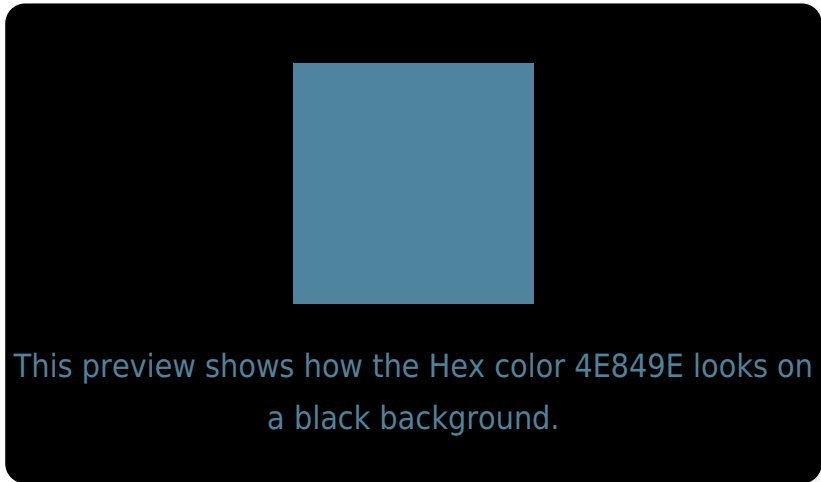
Large Text (above 18pt) WCAG AA ✓ Pass

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

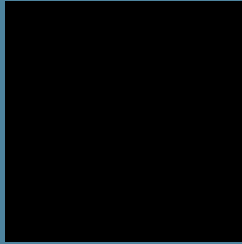
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4E849E Background



This preview shows how black text looks on a background with the Hex color 4E849E.

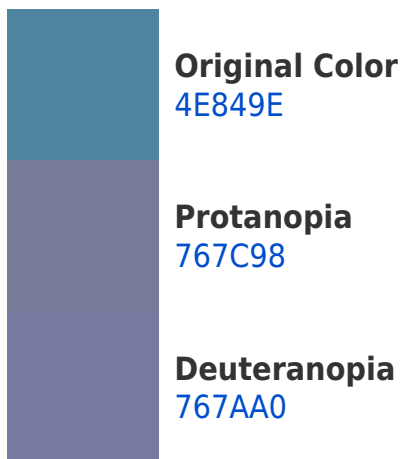



This preview shows how white text looks on a background with the Hex color 4E849E.

# 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](#).

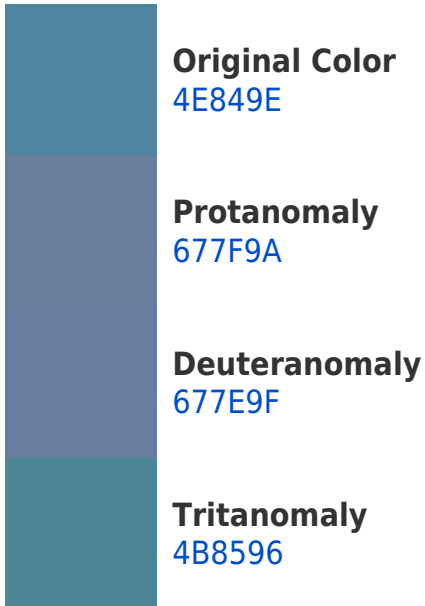
## Dichromacy





**Tritanopia**  
4A8691

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4E849E 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 #4E849E looks like.

```
.text, #text, p{  
    color:#4E849E  
}
```

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 #4E849E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E849E
}
```

## Border

The CSS property to change the border of an element to Hex 4E849E 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
#4E849E }
```

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

```
.border{ border-color:#4E849E }
```

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

Here you see how a box with a 4 pixel #4E849E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E849E; -webkit-box-shadow:4px 4px  
4px 4px #4E849E; box-shadow:4px 4px 4px  
4px #4E849E }
```

# Background

The CSS property to change the background color of an element to Hex 4E849E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E849E }
```

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

```
.background{ background-color:#4E849E }
```

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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