

# Converting Colors

Hex(4B847F)

Have a look what the booklet for  
Hex(4B847F) contains.

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# Color

Hex(4B847F)

# Conversions

## Conversions Part 1

Format	Color
Hex	4B847F
RGB	75, 132, 127
RGB Percent	29%, 52%, 50%
CMY	0.7059, 0.4824, 0.5020
CMYK	0.43, 0.00, 0.04, 0.48
HSL	175°, 28%, 41%
HSV	175°, 43%, 52%
XYZ	14.9837, 19.5307, 23.0587
YIQ	114.3870, -32.3670, -13.6390

# Conversions

## Conversions Part 2

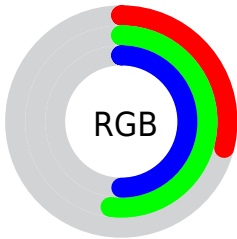
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	75, 105, 132
Decimal	4949119
CIE <sub>Lab</sub>	51.30, -19.99, -3.17
CIE <sub>LCh</sub>	51, 20.244, 189.020
Yxy	19.5307, 0.2603, 0.3392
Android (android.graphics.Color)	4283139199 (0xFF4B847F)
YUV	114.3870, 6.2182, -34.5424
Hunter-Lab	44.1935, -16.8188, -0.0001

# Details

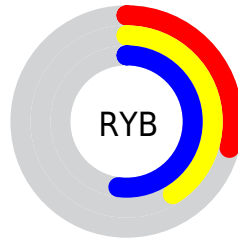
The Hex color **4B847F** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **844B50**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **7FB9B4**, and **15524E** is the 20% darker color. If you saturate the color by 10%, you get **3E847E**, and if you desaturate by 10%, it is **588480**.

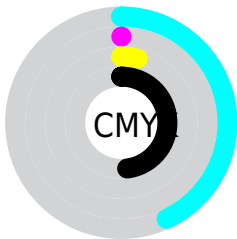
# Distribution



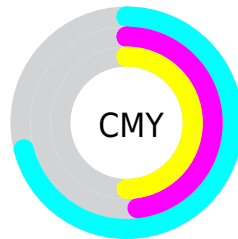
- Red (29%)
- Green (52%)
- Blue (50%)



- Red (29%)
- Yellow (41%)
- Blue (52%)



- Cyan (43%)
- Magenta (0%)
- Yellow (4%)
- Black (48%)



- Cyan (71%)
- Magenta (48%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4B847F 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 4B847F by changing the saturation by 10% instead.





4B847F



4B847F

FFFFFF



316B66



7FB9B4



15524E



9AD5CF



003B37



B6F2EB



002522



D2FFFF



00090C



EFFFFFF



000000



4B847F



4B847F



3E847E



588480



31847D



658481

■ 23847C

■ 738482

■ 16847A

■ 808484

■ 098479

■ 8D8485

■ 008478

■ 9A8486

■ A78487

■ B58488

■ C28489

# Harmonies

## Analogous

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



5B836D



4B847F



47838F

# Triad

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



4B847F



847495



92755A

# Complementary

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



4B847F



844B50

# 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.



9B7065



4B847F



956F87

# Square

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



4B847F



6C7A9C



9D6E76



827B58

# Rectangle

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



4B847F



4F8197



9D6E76



96735D



# Sweetspot

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



4B847F



95ABA9



51844B



495755



D6D6D6



575757



# Same Dimension

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



4B847F



52ABA3



4B6D84



3C4242



008277



000302



# Inverse Universe

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



844B50



AB525A



84624B



423C3C



82000B

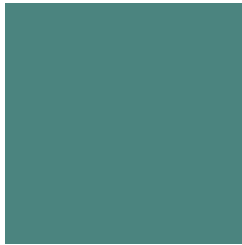


030000



# Previews

## White Background



This preview shows how the Hex color 4B847F looks on a white background.

## Color Contrast Check

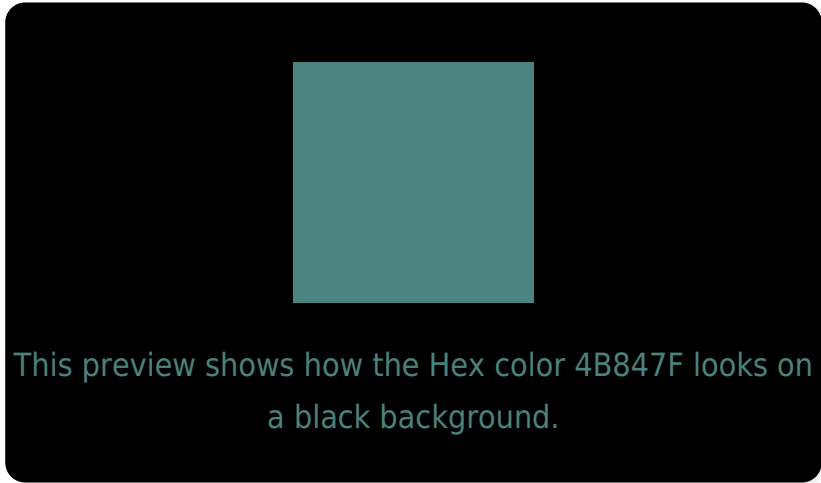
Large Text (above 18pt) WCAG AA ✓ Pass

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

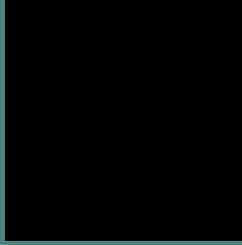
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

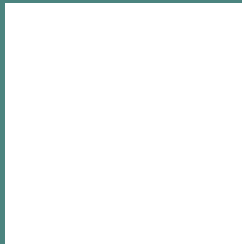
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4B847F Background



This preview shows how black text looks on a background with the Hex color 4B847F.

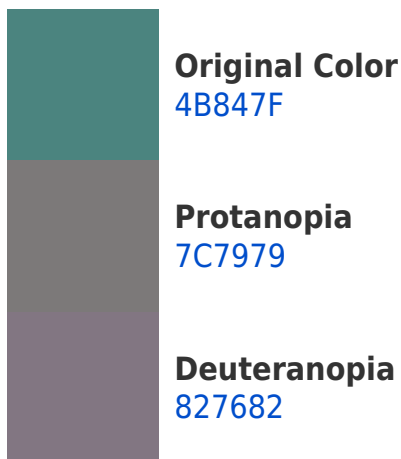



This preview shows how white text looks on a background with the Hex color 4B847F.

# 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](#).

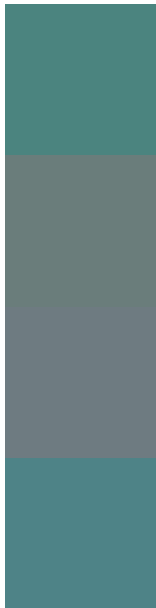
## Dichromacy





**Tritanopia**  
4F828C

# Trichromacy



**Original Color**  
4B847F

**Protanomaly**  
6A7D7B

**Deuteranomaly**  
6E7B81

**Tritanomaly**  
4E8387

# Monochromacy



**Original Color**  
4B847F

**Achromatopsia**  
727272

**Achromatomaly**  
647977

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4B847F 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 #4B847F looks like.

```
.text, #text, p{  
    color:#4B847F  
}
```

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 #4B847F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B847F
}
```

## Border

The CSS property to change the border of an element to Hex 4B847F 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
#4B847F }
```

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

```
.border{ border-color:#4B847F }
```

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

Here you see how a box with a 4 pixel #4B847F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B847F; -webkit-box-shadow:4px 4px  
4px 4px #4B847F; box-shadow:4px 4px 4px  
4px #4B847F }
```

# Background

The CSS property to change the background color of an element to Hex 4B847F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B847F }
```

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

```
.background{ background-color:#4B847F }
```

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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