

# Converting Colors

Hex(4B858D)

Have a look what the booklet for  
Hex(4B858D) contains.

<b>Hex(4B858D)</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(4B858D)

# Conversions

## Conversions Part 1

Format	Color
Hex	4B858D
RGB	75, 133, 141
RGB Percent	29%, 52%, 55%
CMY	0.7059, 0.4784, 0.4471
CMYK	0.47, 0.06, 0.00, 0.45
HSL	187°, 31%, 42%
HSV	187°, 47%, 55%
XYZ	16.0969, 20.1940, 28.2487
YIQ	116.5700, -37.1360, -9.8080

# Conversions

## Conversions Part 2

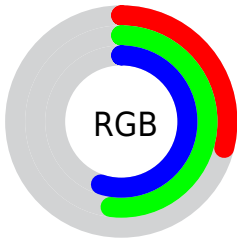
<b>Format</b>	<b>Color</b>
<b>RYB</b>	75, 106, 141
Decimal	4949389
CIELab	52.06, -16.71, -10.22
CIELCh	52, 19.589, 211.451
Yxy	20.1940, 0.2494, 0.3129
Android (android.graphics.Color)	4283139469 (0xFF4B858D)
YUV	116.5700, 12.0440, -36.4569
Hunter-Lab	44.9377, -14.7015, -5.8144

# Details

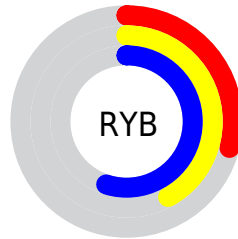
The Hex color **4B858D** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8D534B**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **80BAC3**, and **12535B** is the 20% darker color. If you saturate the color by 10%, you get **3D838D**, and if you desaturate by 10%, it is **59878D**.

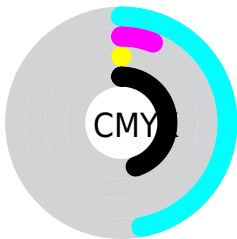
# Distribution



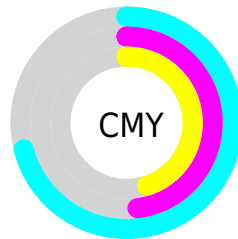
- Red (29%)
- Green (52%)
- Blue (55%)



- Red (29%)
- Yellow (42%)
- Blue (55%)



- Cyan (47%)
- Magenta (6%)
- Yellow (0%)
- Black (45%)



- Cyan (71%)
- Magenta (48%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4B858D 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 4B858D by changing the saturation by 10% instead.



■ 4B858D

■ 4B858D

FFFFFF

■ 306C73

■ 80BAC3

■ 12535B

■ 9BD6DE

■ 003C43

■ B7F2FB

■ 00262D

■ D3FFFF

■ 000F19

■ F0FFFF

■ 000000

■ 4B858D

■ 4B858D

■ 3D838D

■ 59878D

■ 2F828D

■ 67888D

■ 21808D

■ 758A8D

■ 137E8D

■ 838C8D

■ 047C8D

■ 928E8D

■ 007C8D

■ A08F8D

■ AE918D

■ BC938D

■ CA948D

# Harmonies

## Analogous

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



52867C



4B858D



548299

# Triad

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



4B858D



92728C



887B5B

# Complementary

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



4B858D



8D534B

# 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.



96765F



4B858D



9D707C

# Square

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



4B858D



807899



9E716B



76805F

# Rectangle

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



4B858D



617F9D



9E716B



8D795B



# Sweetspot

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



4B858D



9EB4B8



4B8D53



4C5A5C



DBDBDB



5C5C5C



# Same Dimension

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



4B858D



51ABB8



4B648D



404747



007787



000708



# Inverse Universe

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



8D4B85



B851AB



8D744B



474047



870077

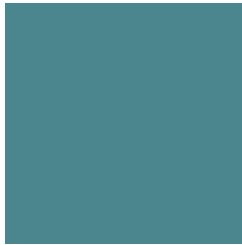


080007



# Previews

## White Background



This preview shows how the Hex color 4B858D looks on a white background.

## Color Contrast Check

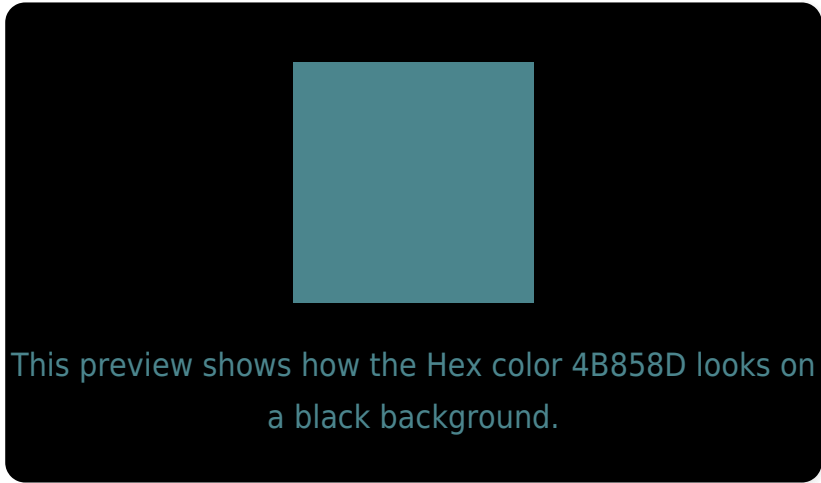
Large Text (above 18pt) WCAG AA ✓ Pass

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

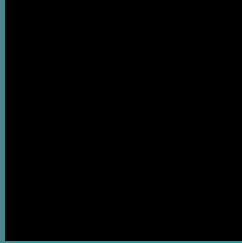
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4B858D Background



This preview shows how black text looks on a background with the Hex color 4B858D.

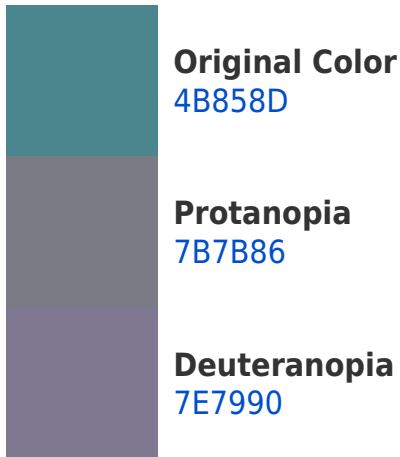



This preview shows how white text looks on a background with the Hex color 4B858D.

# 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**  
4C858F

# Trichromacy



**Original Color**  
4B858D

**Protanomaly**  
6A7F89

**Deuteranomaly**  
6B7D8F

**Tritanomaly**  
4C858E

# Monochromacy



**Original Color**  
4B858D

**Achromatopsia**  
757575

**Achromatomaly**  
667B7E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4B858D 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 #4B858D looks like.

```
.text, #text, p{  
    color:#4B858D  
}
```

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 #4B858D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B858D
}
```

## Border

The CSS property to change the border of an element to Hex 4B858D 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
#4B858D }
```

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

```
.border{ border-color:#4B858D }
```

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

Here you see how a box with a 4 pixel #4B858D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B858D; -webkit-box-shadow:4px 4px  
4px 4px #4B858D; box-shadow:4px 4px 4px  
4px #4B858D }
```

# Background

The CSS property to change the background color of an element to Hex 4B858D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B858D }
```

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

```
.background{ background-color:#4B858D }
```

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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