

# Converting Colors

Hex(57878B)

Have a look what the booklet for  
Hex(57878B) contains.

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**Color**

**Hex(57878B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	57878B
RGB	87, 135, 139
RGB Percent	34%, 53%, 55%
CMY	0.6588, 0.4706, 0.4549
CMYK	0.37, 0.03, 0.00, 0.45
HSL	185°, 23%, 44%
HSV	185°, 37%, 55%
XYZ	17.2547, 21.2183, 27.6122
YIQ	121.1040, -29.8920, -8.9320

# Conversions

## Conversions Part 2

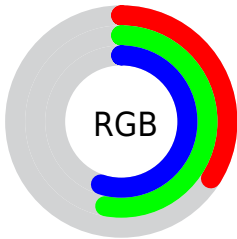
<b>Format</b>	<b>Color</b>
<b>RYB</b>	87, 112, 139
Decimal	5736331
CIELab	53.19, -15.11, -7.30
CIElCh	53, 16.782, 205.800
Yxy	21.2183, 0.2611, 0.3211
Android (android.graphics.Color)	4283926411 (0xFF57878B)
YUV	121.1040, 8.8227, -29.9092
Hunter-Lab	46.0633, -13.7472, -3.2965

# Details

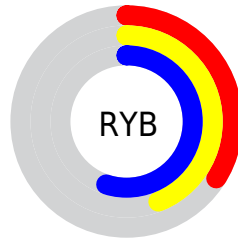
The Hex color **57878B** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8B5B57**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **8BBCC0**, and **245559** is the 20% darker color. If you saturate the color by 10%, you get **49868B**, and if you desaturate by 10%, it is **65888B**.

# Distribution



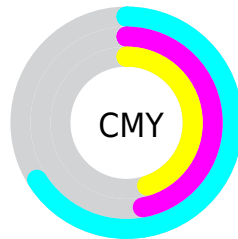
- Red (34%)
- Green (53%)
- Blue (55%)



- Red (34%)
- Yellow (44%)
- Blue (55%)



- Cyan (37%)
- Magenta (3%)
- Yellow (0%)
- Black (45%)



- Cyan (66%)
- Magenta (47%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 57878B 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 57878B by changing the saturation by 10% instead.





57878B



57878B

FFFFFF



3E6E72



8BBCC0



245559



A6D8DC



063E42



C2F5F9



00282C



DEFFFF



001417



FBFFFF



000000



57878B



57878B



49868B



65888B



3B858B



73898B

2D848B

818A8B

1F838B

8F8B8B

12828B

9D8C8B

04818B

AA8D8B

00808B

B88E8B

C6908B

D4918B

# Harmonies

## Analogous

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



5E877C



57878B



5C8596

# Triad

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



57878B



90778F



8C7D62

# Complementary

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



57878B



8B5B57

# 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.



987968



57878B



9A7582

# Square

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



57878B



7F7C99



9D7573



7D8265

# Rectangle

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



57878B



66829B



9D7573



907C63



# Sweetspot

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



57878B



A1B4B5



578B5A



505B5C



DBDBDB



5C5C5C



# Same Dimension

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



57878B



64AFB5



576E8B



3E4445



007A85



000505



# Inverse Universe

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



8B5787



B564AF



8B7457



453E44



85007A

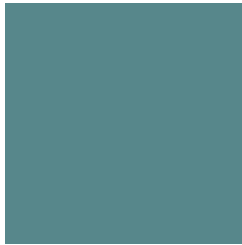


050005



# Previews

## White Background



This preview shows how the Hex color 57878B looks on a white background.

## Color Contrast Check

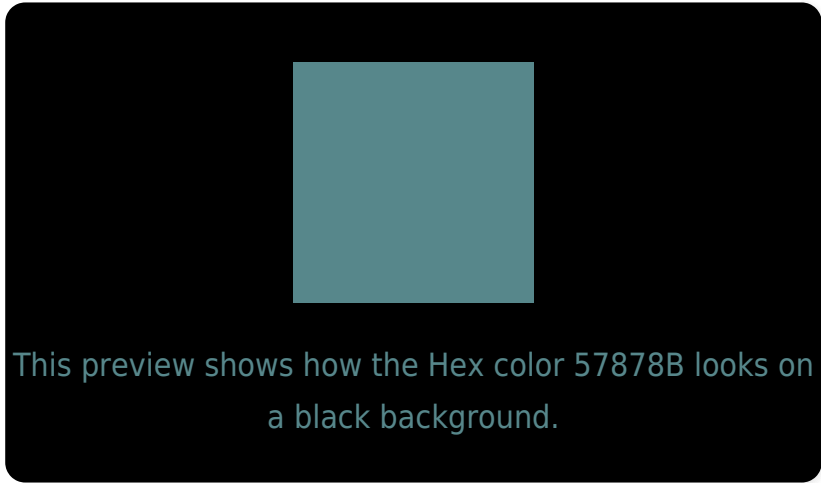
Large Text (above 18pt) WCAG AA ✓ Pass

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

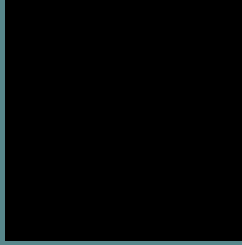
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 57878B Background



This preview shows how black text looks on a background with the Hex color 57878B.

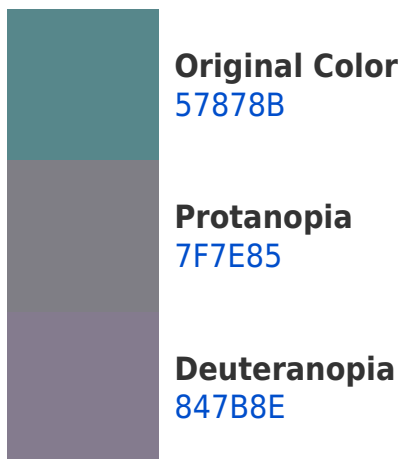



This preview shows how white text looks on a background with the Hex color 57878B.

# 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](#).

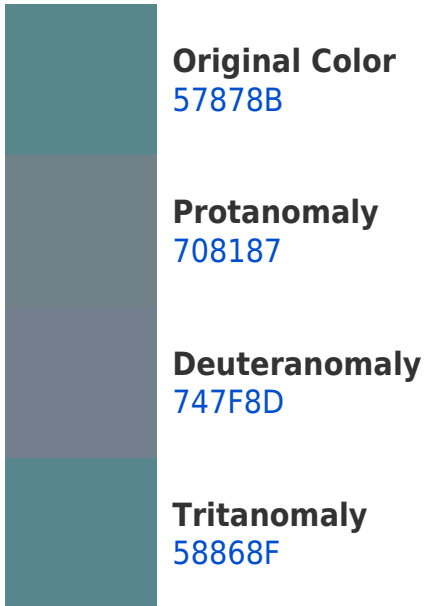
## Dichromacy



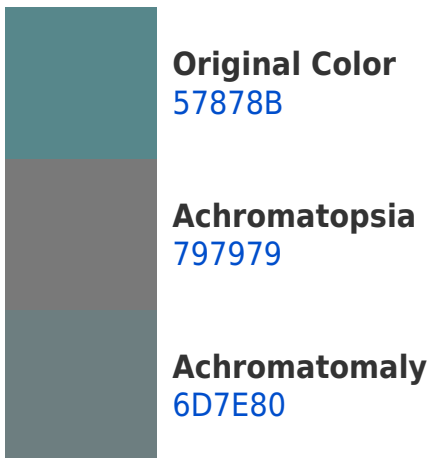


**Tritanopia**  
598691

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 57878B 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 #57878B looks like.

```
.text, #text, p{  
    color:#57878B  
}
```

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 #57878B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57878B
}
```

## Border

The CSS property to change the border of an element to Hex 57878B 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
#57878B }
```

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

```
.border{ border-color:#57878B }
```

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

Here you see how a box with a 4 pixel #57878B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57878B; -webkit-box-shadow:4px 4px  
4px 4px #57878B; box-shadow:4px 4px 4px  
4px #57878B }
```

# Background

The CSS property to change the background color of an element to Hex 57878B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57878B }
```

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

```
.background{ background-color:#57878B }
```

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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