

# Converting Colors

Hex(59878E)

Have a look what the booklet for  
Hex(59878E) contains.

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# Color

Hex(59878E)

# Conversions

## Conversions Part 1

Format	Color
Hex	59878E
RGB	89, 135, 142
RGB Percent	35%, 53%, 56%
CMY	0.6510, 0.4706, 0.4431
CMYK	0.37, 0.05, 0.00, 0.44
HSL	188°, 23%, 45%
HSV	188°, 37%, 56%
XYZ	17.6663, 21.4048, 28.7916
YIQ	122.0440, -29.6630, -7.5750

# Conversions

## Conversions Part 2

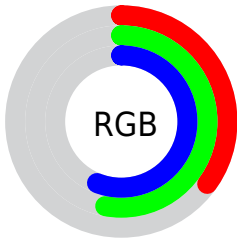
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	89, 114, 142
Decimal	5867406
CIE <sub>Lab</sub>	53.39, -13.75, -8.73
CIE <sub>LCh</sub>	53, 16.287, 212.426
Yxy	21.4048, 0.2603, 0.3154
Android (android.graphics.Color)	4284057486 (0xFF59878E)
YUV	122.0440, 9.8383, -28.9796
Hunter-Lab	46.2653, -12.8045, -4.5114

# Details

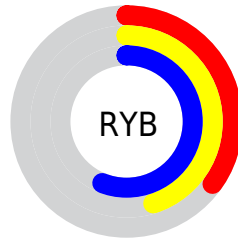
The Hex color **59878E** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8E6059**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **8DBCC4**, and **26555C** is the 20% darker color. If you saturate the color by 10%, you get **4B858E**, and if you desaturate by 10%, it is **67898E**.

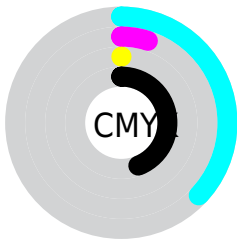
# Distribution



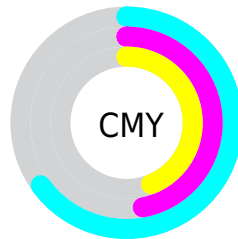
- Red (35%)
- Green (53%)
- Blue (56%)



- Red (35%)
- Yellow (45%)
- Blue (56%)



- Cyan (37%)
- Magenta (5%)
- Yellow (0%)
- Black (44%)



- Cyan (65%)
- Magenta (47%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 59878E 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 59878E by changing the saturation by 10% instead.





59878E



59878E

FFFFFF



406E74



8DBCC4



26555C



A8D8E0



093E44



C4F5FC



00282E



E1FFFF



00151A

FEFFFF



000000



59878E



59878E



4B858E



67898E



3D838E



758B8E

■ 2E818E

■ 848D8E

■ 207F8E

■ 928F8E

■ 127E8E

■ A0908E

■ 047C8E

■ AE928E

■ 007B8E

■ BC948E

■ CB968E

■ D9988E

# Harmonies

## Analogous

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



5D8880



59878E



608498

# Triad

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



59878E



93778D



897F64

# Complementary

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



59878E



8E6059

# 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.



957A67



59878E



9B767F

# Square

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



59878E



837C97



9C7771



7A8368

# Rectangle

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



59878E



6B829B



9C7771



8E7D64



# Sweetspot

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



59878E



A3B5B8



598E5F



505A5C



DBDBDB



5C5C5C



# Same Dimension

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



59878E



65ADB8



596D8E



404647



007587



000708



# Inverse Universe

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



8E5987



B865AD



8E7A59



474046



870075



080007



# Previews

## White Background



This preview shows how the Hex color 59878E looks on a white background.

## Color Contrast Check

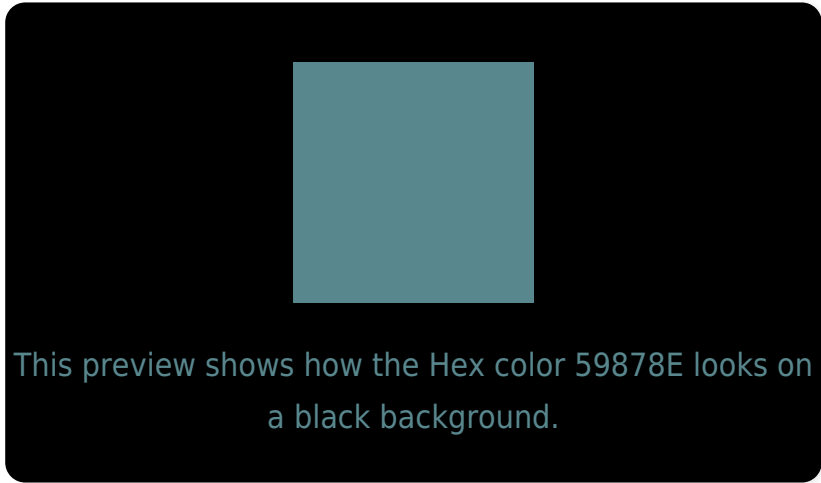
Large Text (above 18pt) WCAG AA ✓ Pass

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

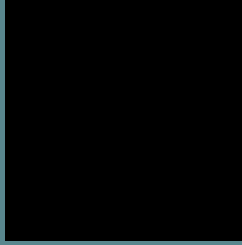
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 59878E Background



This preview shows how black text looks on a background with the Hex color 59878E.

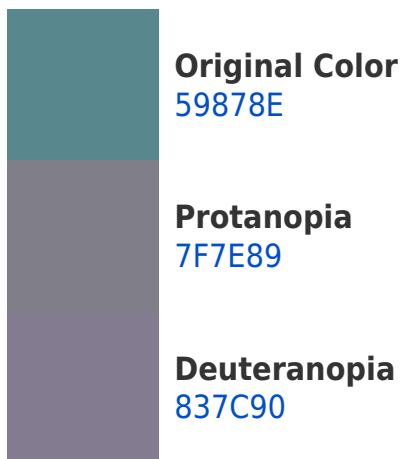



This preview shows how white text looks on a background with the Hex color 59878E.

# 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](#).

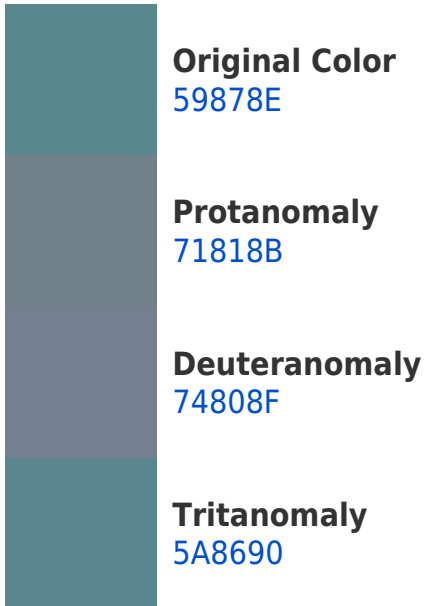
## Dichromacy





**Tritanopia**  
5A8691

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 59878E 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 #59878E looks like.

```
.text, #text, p{  
    color:#59878E  
}
```

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 #59878E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59878E
}
```

## Border

The CSS property to change the border of an element to Hex 59878E 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
#59878E }
```

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

```
.border{ border-color:#59878E }
```

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

Here you see how a box with a 4 pixel #59878E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59878E; -webkit-box-shadow:4px 4px  
4px 4px #59878E; box-shadow:4px 4px 4px  
4px #59878E }
```

# Background

The CSS property to change the background color of an element to Hex 59878E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59878E }
```

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

```
.background{ background-color:#59878E }
```

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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