

# Converting Colors

Hex(5F8B83)

Have a look what the booklet for  
Hex(5F8B83) contains.

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# Color

Hex(5F8B83)

# Conversions

## Conversions Part 1

Format	Color
Hex	5F8B83
RGB	95, 139, 131
RGB Percent	37%, 55%, 51%
CMY	0.6275, 0.4549, 0.4863
CMYK	0.32, 0.00, 0.06, 0.45
HSL	169°, 19%, 46%
HSV	169°, 32%, 55%
XYZ	18.0487, 22.5368, 24.8715
YIQ	124.9320, -23.6560, -11.8160

# Conversions

## Conversions Part 2

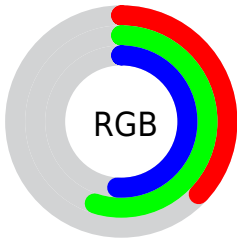
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	95, 119, 139
Decimal	6261635
CIE <sub>Lab</sub>	54.59, -16.89, -0.55
CIE <sub>LCh</sub>	55, 16.894, 181.858
Yxy	22.5368, 0.2757, 0.3443
Android (android.graphics.Color)	4284451715 (0xFF5F8B83)
YUV	124.9320, 2.9915, -26.2504
Hunter-Lab	47.4730, -15.2141, 2.1685

# Details

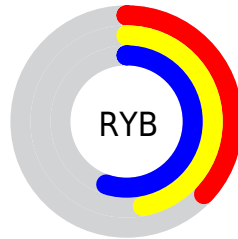
The Hex color **5F8B83** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8B5F67**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **93C1B8**, and **2E5952** is the 20% darker color. If you saturate the color by 10%, you get **518B80**, and if you desaturate by 10%, it is **6D8B86**.

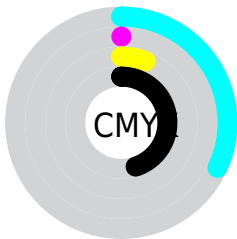
# Distribution



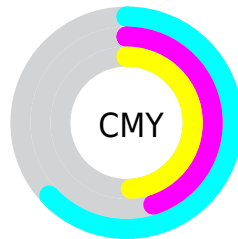
- Red (37%)
- Green (55%)
- Blue (51%)



- Red (37%)
- Yellow (47%)
- Blue (55%)



- Cyan (32%)
- Magenta (0%)
- Yellow (6%)
- Black (45%)



- Cyan (63%)
- Magenta (45%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F8B83 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 5F8B83 by changing the saturation by 10% instead.





5F8B83



5F8B83

FFFFFF



46716A



93C1B8



2E5952



AEDDD4



15413B



CAF9F0



002B25



E6FFFF



001810



000000



5F8B83



5F8B83



518B80



6D8B86



438B7E



7B8B88

■ 358B7B

■ 898B8B

■ 278B79

■ 978B8D

■ 1A8B76

■ A58B90

■ 0C8B74

■ B28B92

■ 008B72

■ C08B95

■ CE8B97

■ DC8B9A

# Harmonies

## Analogous

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



6C8A74



5F8B83



5A8A91

# Triad

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



5F8B83



867F9B



9A7D69

# Complementary

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



5F8B83



8B5F67

# 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.



A07974



5F8B83



967A91

# Square

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



5F8B83



73849F



9F7882



8D8266

# Rectangle

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



5F8B83



5E8999



9F7882



9D7C6C



# Sweetspot

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



5F8B83



A5B5B2



678B5F



525C5A



DBDBDB



5C5C5C



# Same Dimension

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



5F8B83



70B5A9



5F7D8B



3E4544



00856C



000504



# Inverse Universe

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



8B5F67



B5707D



8B6D5F



453E3F



850018



050001



# Previews

## White Background



This preview shows how the Hex color 5F8B83 looks on a white background.

## Color Contrast Check

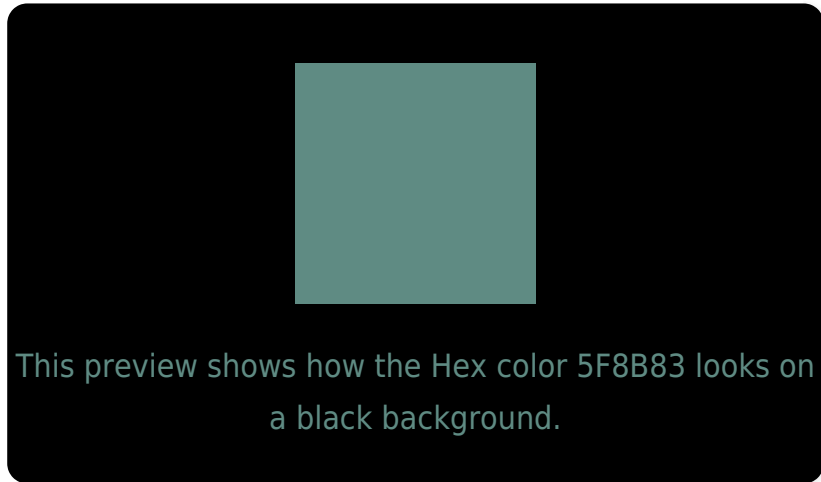
Large Text (above 18pt) WCAG AA ✓ Pass

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

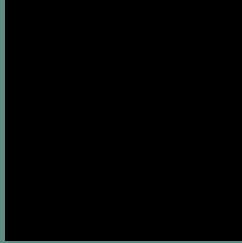
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5F8B83 Background



This preview shows how black text looks on a background with the Hex color 5F8B83.

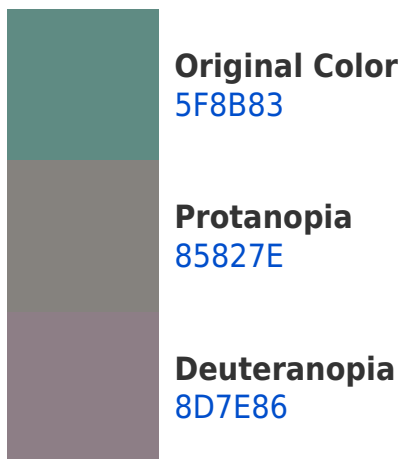


This preview shows how white text looks on a background with the Hex color 5F8B83.

# 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](#).

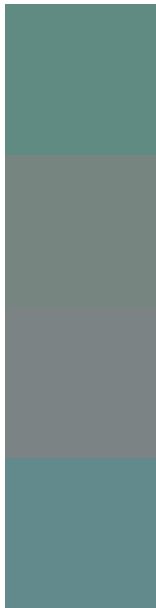
## Dichromacy





**Tritanopia**  
638993

# Trichromacy



**Original Color**  
5F8B83

**Protanomaly**  
778580

**Deuteranomaly**  
7C8385

**Tritanomaly**  
628A8D

# Monochromacy



**Original Color**  
5F8B83

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
72827F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F8B83 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 #5F8B83 looks like.

```
.text, #text, p{  
    color:#5F8B83  
}
```

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 #5F8B83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F8B83
}
```

## Border

The CSS property to change the border of an element to Hex 5F8B83 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
#5F8B83 }
```

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

```
.border{ border-color:#5F8B83 }
```

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

Here you see how a box with a 4 pixel #5F8B83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F8B83; -webkit-box-shadow:4px 4px  
4px 4px #5F8B83; box-shadow:4px 4px 4px  
4px #5F8B83 }
```

# Background

The CSS property to change the background color of an element to Hex 5F8B83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F8B83 }
```

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

```
.background{ background-color:#5F8B83 }
```

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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