

# Converting Colors

Hex(5B897C)

Have a look what the booklet for  
Hex(5B897C) contains.

<b>Hex(5B897C)</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(5B897C)

# Conversions

## Conversions Part 1

Format	Color
Hex	5B897C
RGB	91, 137, 124
RGB Percent	36%, 54%, 49%
CMY	0.6431, 0.4627, 0.5137
CMYK	0.34, 0.00, 0.09, 0.46
HSL	163°, 20%, 45%
HSV	163°, 34%, 54%
XYZ	16.8981, 21.5707, 22.3417
YIQ	121.7640, -23.2430, -13.7950

# Conversions

## Conversions Part 2

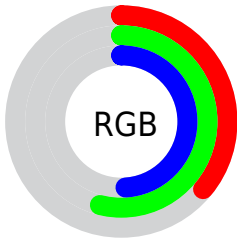
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	91, 118, 137
Decimal	5998972
CIE <sub>Lab</sub>	53.57, -18.72, 1.98
CIE <sub>LCh</sub>	54, 18.820, 173.955
Yxy	21.5707, 0.2779, 0.3547
Android (android.graphics.Color)	4284189052 (0xFF5B897C)
YUV	121.7640, 1.1023, -26.9800
Hunter-Lab	46.4443, -16.3326, 3.9899

# Details

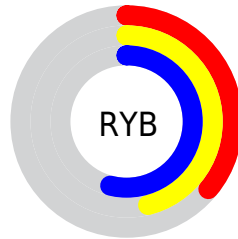
The Hex color **5B897C** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **895B68**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **8FBFB0**, and **2A574B** is the 20% darker color. If you saturate the color by 10%, you get **4D8978**, and if you desaturate by 10%, it is **698980**.

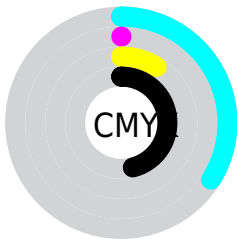
# Distribution



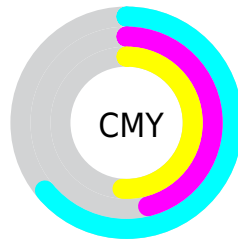
- Red (36%)
- Green (54%)
- Blue (49%)



- Red (36%)
- Yellow (46%)
- Blue (54%)



- Cyan (34%)
- Magenta (0%)
- Yellow (9%)
- Black (46%)



- Cyan (64%)
- Magenta (46%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5B897C 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 5B897C by changing the saturation by 10% instead.





5B897C



5B897C

FFFFFF



426F63



8FBFB0



2A574B



AADACC



113F35



C5F7E8



002920



E2FFFF



001507



000000



5B897C



5B897C



4D8978



698980



408974



768984

 328970

 848988

 24896D

 92898B

 168969

 A0898F

 098965

 AD8993

 008962

 BB8997

 C9899B

 D6899F

# Harmonies

## Analogous

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



6C876C



5B897C



52898D

# Triad

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



5B897C



7E7D9D



9C7966

# Complementary

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



5B897C



895B68

# 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.



A17574



5B897C



927893

# Square

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



5B897C



6882A0



9E7584



8F7E60

# Rectangle

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



5B897C



538896



9E7584



9E776A



# Sweetspot

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



5B897C



A1B3AD



68895B



4F5956



D9D9D9



595959



# Same Dimension

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



5B897C



6BB39E



5B7F89



3E4543



00855F



000504



# Inverse Universe

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



895B68



B36B7F



89655B



453E40



850025



050001



# Previews

## White Background



This preview shows how the Hex color 5B897C looks on a white background.

## Color Contrast Check

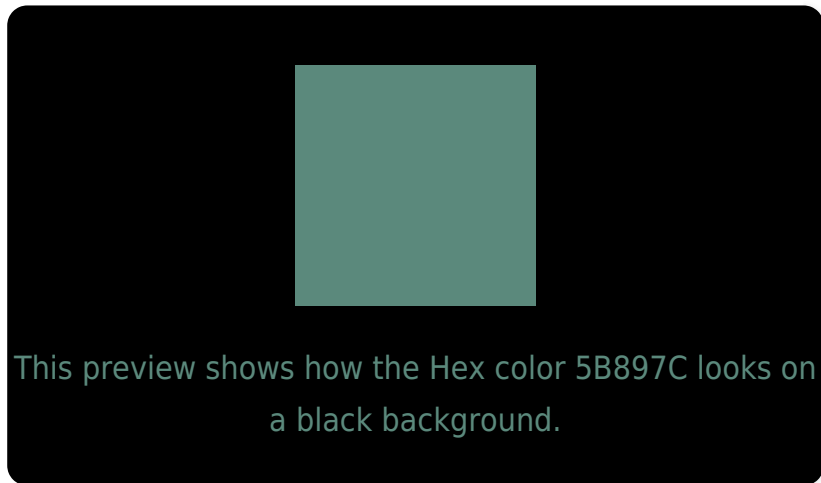
Large Text (above 18pt) WCAG AA ✓ Pass

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

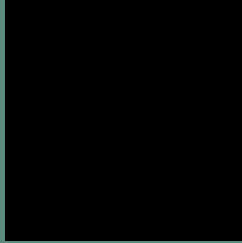
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5B897C Background



This preview shows how black text looks on a background with the Hex color 5B897C.

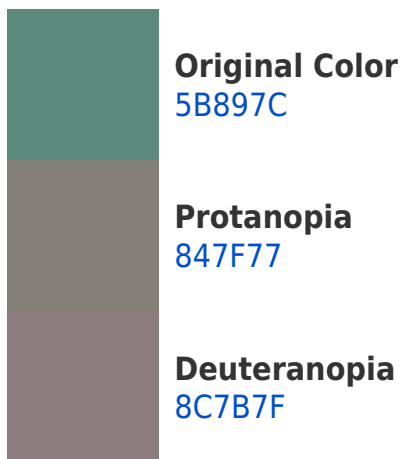


This preview shows how white text looks on a background with the Hex color 5B897C.

# 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](#).

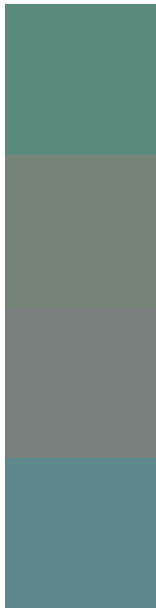
## Dichromacy





**Tritanopia**  
608691

# Trichromacy



**Original Color**  
5B897C

**Protanomaly**  
758379

**Deuteranomaly**  
7A807E

**Tritanomaly**  
5E8789

# Monochromacy



**Original Color**  
5B897C

**Achromatopsia**  
7A7A7A

**Achromatomaly**  
6F7F7B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5B897C 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 #5B897C looks like.

```
.text, #text, p{  
    color:#5B897C  
}
```

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 #5B897C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B897C  
}
```

## Border

The CSS property to change the border of an element to Hex 5B897C 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  
#5B897C }
```

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

```
.border{ border-color:#5B897C }
```

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

Here you see how a box with a 4 pixel #5B897C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B897C; -webkit-box-shadow:4px 4px  
4px 4px #5B897C; box-shadow:4px 4px 4px  
4px #5B897C }
```

# Background

The CSS property to change the background color of an element to Hex 5B897C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B897C }
```

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

```
.background{ background-color:#5B897C }
```

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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