

# Converting Colors

Hex(5D847C)

Have a look what the booklet for  
Hex(5D847C) contains.

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# Color

Hex(5D847C)

# Conversions

## Conversions Part 1

Format	Color
Hex	5D847C
RGB	93, 132, 124
RGB Percent	36%, 52%, 49%
CMY	0.6353, 0.4824, 0.5137
CMYK	0.30, 0.00, 0.06, 0.48
HSL	168°, 17%, 44%
HSV	168°, 30%, 52%
XYZ	16.4036, 20.2849, 22.1196
YIQ	119.4270, -20.6760, -10.7560

# Conversions

## Conversions Part 2

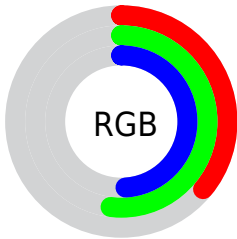
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	93, 115, 132
Decimal	6128764
CIE <sub>Lab</sub>	52.16, -15.40, -0.06
CIE <sub>LCh</sub>	52, 15.405, 180.216
Yxy	20.2849, 0.2789, 0.3449
Android (android.graphics.Color)	4284318844 (0xFF5D847C)
YUV	119.4270, 2.2545, -23.1765
Hunter-Lab	45.0388, -13.8065, 2.4084

# Details

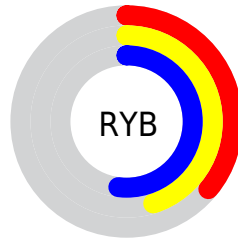
The Hex color **5D847C** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **845D65**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **90B9B0**, and **2D524B** is the 20% darker color. If you saturate the color by 10%, you get **508479**, and if you desaturate by 10%, it is **6A847F**.

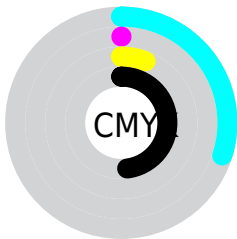
# Distribution



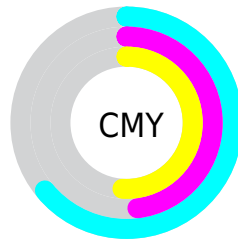
- Red (36%)
- Green (52%)
- Blue (49%)



- Red (36%)
- Yellow (45%)
- Blue (52%)



- Cyan (30%)
- Magenta (0%)
- Yellow (6%)
- Black (48%)



- Cyan (64%)
- Magenta (48%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D847C 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 5D847C by changing the saturation by 10% instead.



■ 5D847C

■ 5D847C

FFFFFF

■ 446B63

■ 90B9B0

■ 2D524B

■ ABD5CC

■ 153B35

■ C7F1E8

■ 002520

■ E3FFFF

■ 000F08

■ 000000

■ 5D847C

■ 5D847C

■ 508479

■ 6A847F

■ 438477

■ 778481

■ 358474

■ 858484

■ 288471

■ 928487

■ 1B846E

■ 9F848A

■ 0E846C

■ AC848C

■ 018469

■ B9848F

■ 008469

■ C78492

■ D48494

# Harmonies

## Analogous

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



69836F



5D847C



588489

# Triad

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



5D847C



7F7993



927766

# Complementary

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



5D847C



845D65

# 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.



987470



5D847C



8E758A

# Square

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



5D847C



6D7D96



96737D



877C62

# Rectangle

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



5D847C



5B8290



96737D



947669



# Sweetspot

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



5D847C



9BABA8



65845D



4D5755



D6D6D6



575757



# Same Dimension

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



5D847C



6FAB9F



5D7984



3C4241



008267



000302



# Inverse Universe

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



845D65



AB6F7B



84685D



423C3D



82001B



030001



# Previews

## White Background



This preview shows how the Hex color 5D847C looks on a white background.

## Color Contrast Check

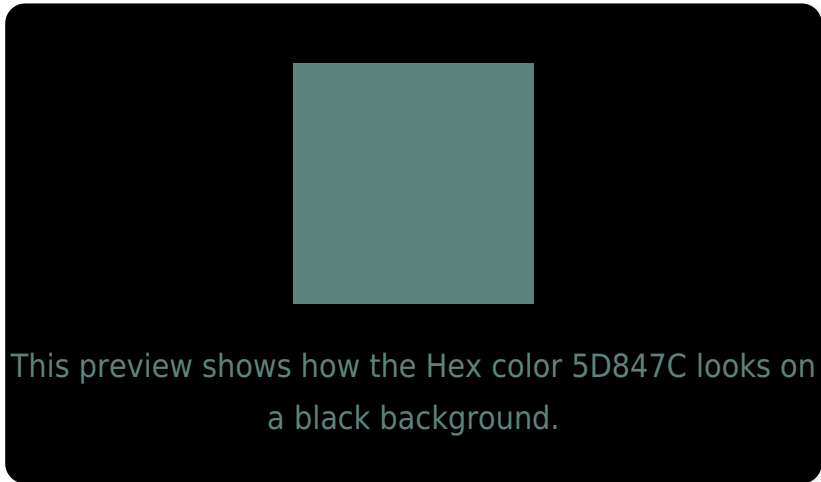
Large Text (above 18pt) WCAG AA ✓ Pass

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

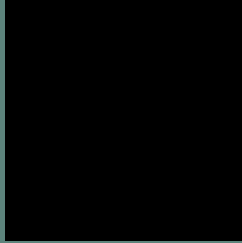
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5D847C Background



This preview shows how black text looks on a background with the Hex color 5D847C.

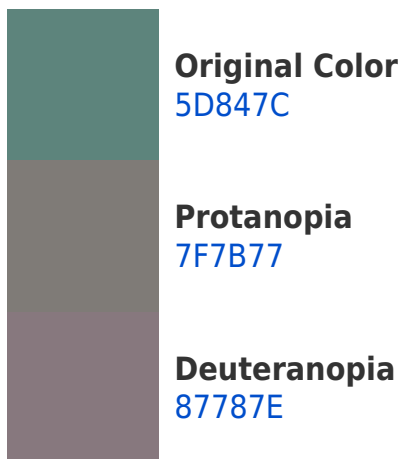



This preview shows how white text looks on a background with the Hex color 5D847C.

# 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**  
61828C

# Trichromacy



**Original Color**  
5D847C

**Protanomaly**  
737E79

**Deuteranomaly**  
787C7D

**Tritanomaly**  
608386

# Monochromacy



**Original Color**  
5D847C

**Achromatopsia**  
777777

**Achromatomaly**  
6E7C79

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D847C 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 #5D847C looks like.

```
.text, #text, p{  
    color:#5D847C  
}
```

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 #5D847C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D847C
}
```

## Border

The CSS property to change the border of an element to Hex 5D847C 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
#5D847C }
```

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

```
.border{ border-color:#5D847C }
```

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

Here you see how a box with a 4 pixel #5D847C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D847C; -webkit-box-shadow:4px 4px  
4px 4px #5D847C; box-shadow:4px 4px 4px  
4px #5D847C }
```

# Background

The CSS property to change the background color of an element to Hex 5D847C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D847C }
```

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

```
.background{ background-color:#5D847C }
```

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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