

# Converting Colors

Hex(6C847F)

Have a look what the booklet for  
Hex(6C847F) contains.

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# Color

Hex(6C847F)

# Conversions

## Conversions Part 1

Format	Color
Hex	6C847F
RGB	108, 132, 127
RGB Percent	42%, 52%, 50%
CMY	0.5765, 0.4824, 0.5020
CMYK	0.18, 0.00, 0.04, 0.48
HSL	167°, 10%, 47%
HSV	167°, 18%, 52%
XYZ	18.2664, 21.2230, 23.2124
YIQ	124.2540, -12.6990, -6.6430

# Conversions

## Conversions Part 2

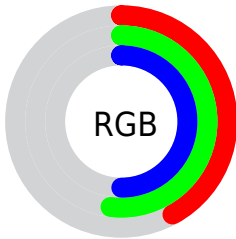
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	108, 121, 132
Decimal	7111807
CIE <sub>Lab</sub>	53.19, -9.70, -0.18
CIE <sub>LCh</sub>	53, 9.705, 181.057
Yxy	21.2230, 0.2913, 0.3385
Android (android.graphics.Color)	4285301887 (0xFF6C847F)
YUV	124.2540, 1.3538, -14.2548
Hunter-Lab	46.0684, -9.8435, 2.3736

# Details

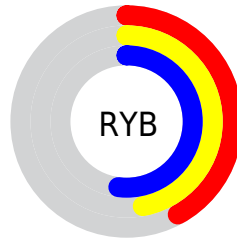
The Hex color **6C847F** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **846C71**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **A0B9B4**, and **3C534E** is the 20% darker color. If you saturate the color by 10%, you get **5F847C**, and if you desaturate by 10%, it is **798482**.

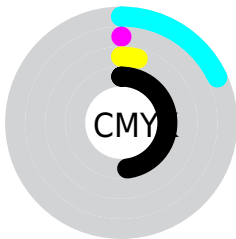
# Distribution



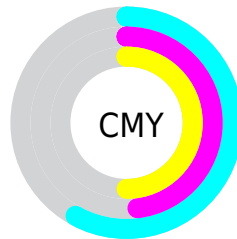
- Red (42%)
- Green (52%)
- Blue (50%)



- Red (42%)
- Yellow (47%)
- Blue (52%)



- Cyan (18%)
- Magenta (0%)
- Yellow (4%)
- Black (48%)



- Cyan (58%)
- Magenta (48%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C847F 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 6C847F by changing the saturation by 10% instead.



6C847F

6C847F

FFFFFF

536B66

A0B9B4

3C534E

BBD5CF

263B37

D7F1EB

102622

F3FFFF

00120C

000000

6C847F

6C847F

5F847C

798482

528479

868485

448477

948487

378474

A1848A

2A8471

AE848D

1D846E

BB8490

10846C

C88492

028469

D68495

008468

E38498

# Harmonies

## Analogous

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



738377



6C847F



6A8487

# Triad

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



6C847F



817D8D



8D7C71

# Complementary

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



6C847F



846C71

# 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.



917A77



6C847F



8A7A87

# Square

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



6C847F



778090



90797F



867F6E

# Rectangle

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



6C847F



6C838C



90797F



8F7B72



# Sweetspot

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



6C847F



A2ABA9



71846C



515756



D6D6D6



575757



# Same Dimension

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



6C847F



85ABA3



6C7D84



3C4241



008267



000302



# Inverse Universe

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



846C71



AB858D



84736C



423C3D



82001B



030001



# Previews

## White Background



This preview shows how the Hex color 6C847F looks on a white background.

## Color Contrast Check

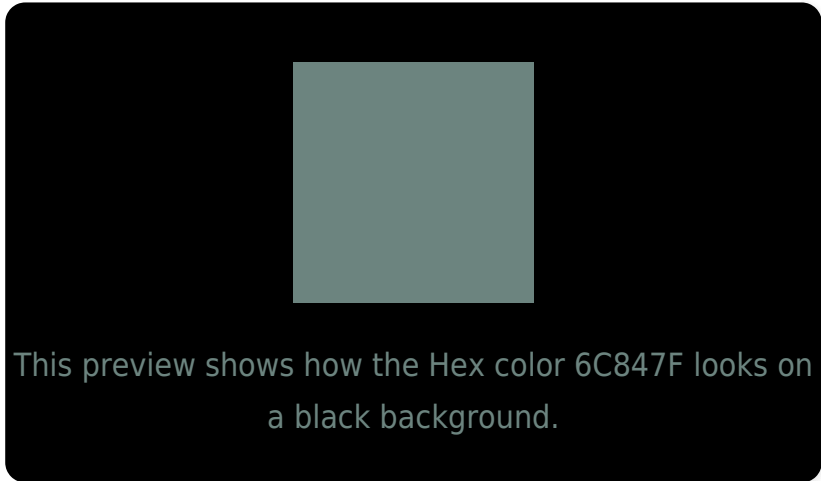
Large Text (above 18pt) WCAG AA ✓ Pass

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

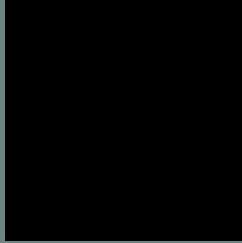
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

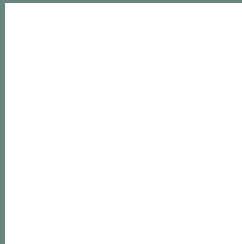
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6C847F Background



This preview shows how black text looks on a background with the Hex color 6C847F.



This preview shows how white text looks on a background with the Hex color 6C847F.

# 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](#).

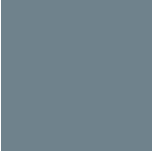
## Dichromacy



**Original Color**  
6C847F

**Protanopia**  
827E7C

**Deuteranopia**  
8A7B81



**Tritanopia**  
6F828C

# Trichromacy



**Original Color**  
6C847F

**Protanomaly**  
7A807D

**Deuteranomaly**  
7F7E80

**Tritanomaly**  
6E8387

# Monochromacy



**Original Color**  
6C847F

**Achromatopsia**  
7C7C7C

**Achromatomaly**  
767F7D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C847F 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 #6C847F looks like.

```
.text, #text, p{  
    color:#6C847F  
}
```

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 #6C847F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C847F
}
```

## Border

The CSS property to change the border of an element to Hex 6C847F 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
#6C847F }
```

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

```
.border{ border-color:#6C847F }
```

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

Here you see how a box with a 4 pixel #6C847F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C847F; -webkit-box-shadow:4px 4px  
4px 4px #6C847F; box-shadow:4px 4px 4px  
4px #6C847F }
```

# Background

The CSS property to change the background color of an element to Hex 6C847F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C847F }
```

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

```
.background{ background-color:#6C847F }
```

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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