

# Converting Colors

Hex(6F847C)

Have a look what the booklet for  
Hex(6F847C) contains.

<b>Hex(6F847C)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(6F847C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6F847C
RGB	111, 132, 124
RGB Percent	44%, 52%, 49%
CMY	0.5647, 0.4824, 0.5137
CMYK	0.16, 0.00, 0.06, 0.48
HSL	157°, 9%, 48%
HSV	157°, 16%, 52%
XYZ	18.4449, 21.3373, 22.2151
YIQ	124.8090, -9.9480, -6.9400

# Conversions

## Conversions Part 2

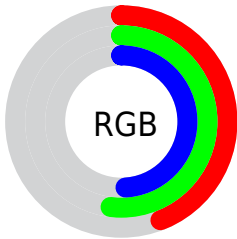
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	111, 124, 132
Decimal	7308412
CIE <sub>Lab</sub>	53.32, -9.30, 1.77
CIE <sub>LCh</sub>	53, 9.468, 169.220
Yxy	21.3373, 0.2975, 0.3442
Android (android.graphics.Color)	4285498492 (0xFF6F847C)
YUV	124.8090, -0.3988, -12.1105
Hunter-Lab	46.1923, -9.5602, 3.8204

# Details

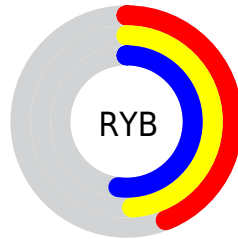
The Hex color **6F847C** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **846F77**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **A3B9B0**, and **3F534B** is the 20% darker color. If you saturate the color by 10%, you get **628477**, and if you desaturate by 10%, it is **7C8481**.

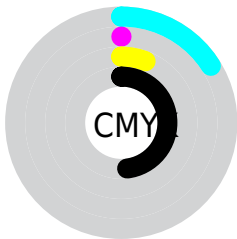
# Distribution



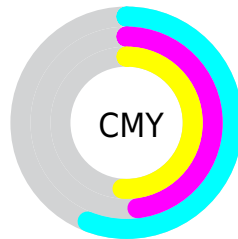
- Red (44%)
- Green (52%)
- Blue (49%)



- Red (44%)
- Yellow (49%)
- Blue (52%)



- Cyan (16%)
- Magenta (0%)
- Yellow (6%)
- Black (48%)



- Cyan (56%)
- Magenta (48%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F847C 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 6F847C by changing the saturation by 10% instead.





6F847C



6F847C

FFFFFF



566B63



A3B9B0



3F534B



BED5CC



293B35



DAF1E8



142620



F6FFFF



001107



000000



6F847C



6F847C



628477



7C8481



558472



898486

 47846D

 97848B

 3A8468

 A48490

 2D8463

 B18495

 20845E

 BE849A

 138459

 CB849F

 058454

 D984A4

 008452

 E684A9

# Harmonies

## Analogous

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



778375



6F847C



6B8484

# Triad

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



6F847C



7D7E8F



8F7B73

# Complementary

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



6F847C



846F77

# 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.



917A7A



6F847C



877C8A

# Square

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



6F847C



73818F



8E7A83



897E70

# Rectangle

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



6F847C



6B8489



8E7A83



907B75



# Sweetspot

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



6F847C



A2ABA8



77846F



515755



D6D6D6



575757



# Same Dimension

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



6F847C



8AAB9E



6F8284



3C4240



008251



000302



# Inverse Universe

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



846F77



AB8A97



84716F



423C3E



820032



030001



# Previews

## White Background



This preview shows how the Hex color 6F847C 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

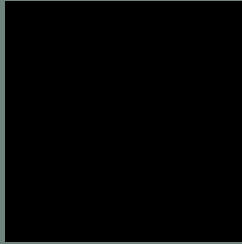
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6F847C Background



This preview shows how black text looks on a background with the Hex color 6F847C.

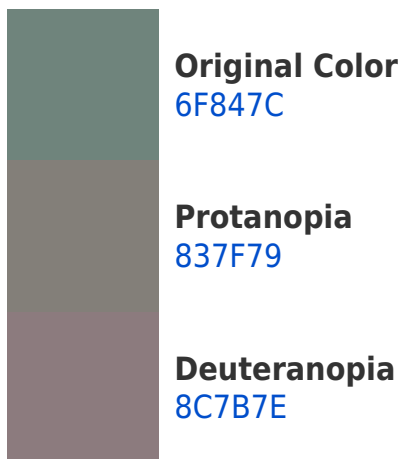


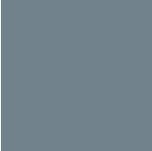
This preview shows how white text looks on a background with the Hex color 6F847C.

# 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**  
72828C

# Trichromacy



**Original Color**  
6F847C

**Protanomaly**  
7C817A

**Deuteranomaly**  
817E7D

**Tritanomaly**  
718386

# Monochromacy



**Original Color**  
6F847C

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
78807D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F847C 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 #6F847C looks like.

```
.text, #text, p{  
    color:#6F847C  
}
```

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 #6F847C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F847C
}
```

## Border

The CSS property to change the border of an element to Hex 6F847C 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
#6F847C }
```

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

```
.border{ border-color:#6F847C }
```

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

Here you see how a box with a 4 pixel #6F847C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F847C; -webkit-box-shadow:4px 4px  
4px 4px #6F847C; box-shadow:4px 4px 4px  
4px #6F847C }
```

# Background

The CSS property to change the background color of an element to Hex 6F847C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F847C }
```

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

```
.background{ background-color:#6F847C }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor