

# Converting Colors

Hex(6C8A6F)

Have a look what the booklet for  
Hex(6C8A6F) contains.

|  |    |
|--|----|
| <b>Hex(6C8A6F)</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(6C8A6F)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>                |
|---------------|-----------------------------|
| Hex           | 6C8A6F                      |
| RGB           | 108, 138, 111               |
| RGB Percent   | 42%, 54%, 44%               |
| CMY           | 0.5765, 0.4588, 0.5647      |
| CMYK          | 0.22, 0.00, 0.20, 0.46      |
| HSL           | 126°, 12%, 48%              |
| HSV           | 126°, 22%, 54%              |
| XYZ           | 18.1421, 22.5128, 18.4281   |
| YIQ           | 125.9520, -9.2130, -14.7570 |

# Conversions

## Conversions Part 2

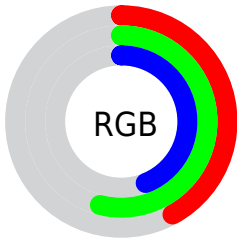
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 108, 135, 138                  |
| Decimal                             | 7113327                        |
| CIELab                              | 54.57, -16.28, 11.04           |
| CIELCh                              | 55, 19.671, 145.867            |
| Yxy                                 | 22.5128, 0.3071,<br>0.3810     |
| Android<br>(android.graphics.Color) | 4285303407<br>(0xFF6C8A6F)     |
| YUV                                 | 125.9520, -7.3713,<br>-15.7439 |
| Hunter-Lab                          | 47.4477, -14.7822,<br>10.1858  |

# Details

The Hex color **6C8A6F** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8A6C87**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **A0C0A3**, and **3C583F** is the 20% darker color. If you saturate the color by 10%, you get **5E8A63**, and if you desaturate by 10%, it is **7A8A7B**.

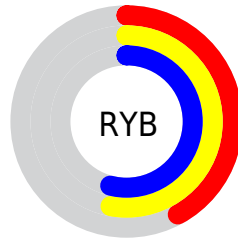
# Distribution



Red (42%)

Green (54%)

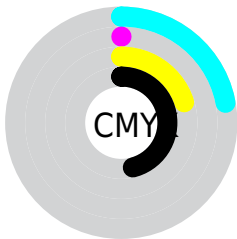
Blue (44%)



Red (42%)

Yellow (53%)

Blue (54%)

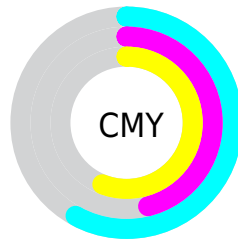


Cyan (22%)

Magenta (0%)

Yellow (20%)

Black (46%)



Cyan (58%)

Magenta (46%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C8A6F 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 6C8A6F by changing the saturation by 10% instead.





6C8A6F



6C8A6F

FFFFFF



537057



A0C0A3



3C583F



BBDBBE



254029



D7F8DA



0F2A15



F3FFF6



001700



000000



6C8A6F



6C8A6F



5E8A63



7A8A7B



508A56



888A88

438A4A

958A94

358A3D

A38AA1

278A31

B18AAD

198A24

BF8ABA

0B8A18

CD8AC6

008A0E

DA8AD2

E88ADF

# Harmonies

## Analogous

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



7F8664



6C8A6F



5B8C7F

# Triad

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



6C8A6F



6B85A4



A57774

# Complementary

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



6C8A6F



8A6C87

# 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.



A37686



6C8A6F



827FA1

# Square

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



6C8A6F



57899E



967A96



9F7B67

# Rectangle

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



6C8A6F



538C8B



967A96



A5767A



# Sweetspot

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



6C8A6F



A6B3A7



878A6C



525953



D9D9D9



595959



# Same Dimension

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



6C8A6F



84B389



6C8A7E



3E453F



00850D



000501



# Inverse Universe

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



8A6C87



B384AE



8A6C78



453E44



850077



050005



# Previews

## White Background



This preview shows how the Hex color 6C8A6F looks on a white background.

## Color Contrast Check

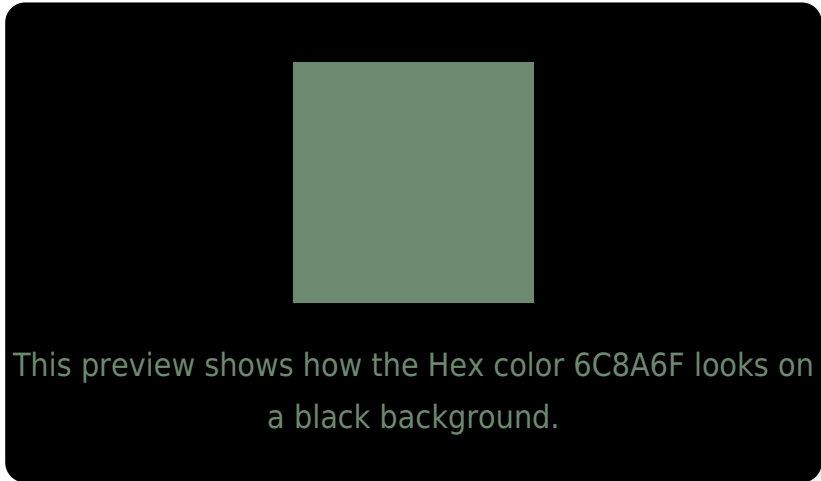
Large Text (above 18pt) WCAG AA ✓ Pass

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

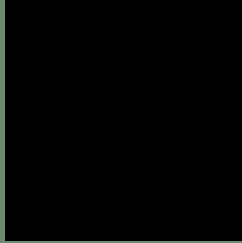
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6C8A6F Background



This preview shows how black text looks on a background with the Hex color 6C8A6F.



This preview shows how white text looks on a background with the Hex color 6C8A6F.

# 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**  
728590

# Trichromacy



**Original Color**  
6C8A6F

**Protanomaly**  
7F856C

**Deuteranomaly**  
868271

**Tritanomaly**  
708784

# Monochromacy



**Original Color**  
6C8A6F

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
778279

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C8A6F 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 #6C8A6F looks like.

```
.text, #text, p{  
    color:#6C8A6F  
}
```

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 #6C8A6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C8A6F
}
```

## Border

The CSS property to change the border of an element to Hex 6C8A6F 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
#6C8A6F }
```

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

```
.border{ border-color:#6C8A6F }
```

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

Here you see how a box with a 4 pixel #6C8A6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C8A6F; -webkit-box-shadow:4px 4px  
4px 4px #6C8A6F; box-shadow:4px 4px 4px  
4px #6C8A6F }
```

# Background

The CSS property to change the background color of an element to Hex 6C8A6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C8A6F }
```

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

```
.background{ background-color:#6C8A6F }
```

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