

# Converting Colors

Hex(6F7A6F)

Have a look what the booklet for  
Hex(6F7A6F) contains.

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# Color

Hex(6F7A6F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6F7A6F
RGB	111, 122, 111
RGB Percent	44%, 48%, 44%
CMY	0.5647, 0.5216, 0.5647
CMYK	0.09, 0.00, 0.09, 0.52
HSL	120°, 5%, 46%
HSV	120°, 9%, 48%
XYZ	16.3843, 18.4463, 17.7359
YIQ	117.4570, -3.0250, -5.7530

# Conversions

## Conversions Part 2

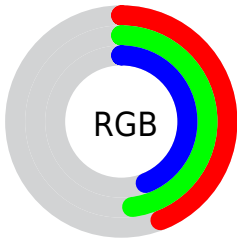
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	111, 122, 122
Decimal	7305839
CIE Lab	50.03, -6.35, 4.62
CIE LCh	50, 7.859, 143.961
Yxy	18.4463, 0.3117, 0.3509
Android (android.graphics.Color)	4285495919 (0xFF6F7A6F)
YUV	117.4570, -3.1833, -5.6628
Hunter-Lab	42.9491, -7.0664, 5.5805

# Details

The Hex color **6F7A6F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7A6F7A**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **A3AEA3**, and **3F493F** is the 20% darker color. If you saturate the color by 10%, you get **637A63**, and if you desaturate by 10%, it is **7B7A7B**.

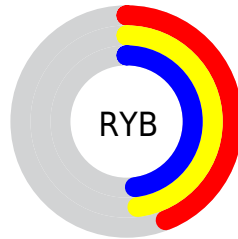
# Distribution



 Red (44%)

 Green (48%)

 Blue (44%)



 Red (44%)

 Yellow (48%)

 Blue (48%)

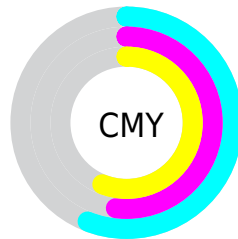



 Cyan (9%)


 Magenta (0%)

 Yellow (9%)

 Black (52%)



 Cyan (56%)

 Magenta (52%)

 Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F7A6F 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 6F7A6F by changing the saturation by 10% instead.





6F7A6F



6F7A6F

FFFFFF



576157



A3AEA3



3F493F



BECABE



293329



DAE6D9



151E15



F6FFF6



000000



6F7A6F



6F7A6F



637A63



7B7A7B



577A57



877A87



4A7A4A



947A94

 3E7A3E

 A07AA0

 327A32

 AC7AAC

 267A26

 B87AB8

 1A7A1A

 C47AC4

 0D7A0D

 D17AD1

 017A01

 DD7ADD

# Harmonies

## Analogous

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



77786B



6F7A6F



697B75

# Triad

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



6F7A6F



6F7884



867372

# Complementary

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



6F7A6F



7A6F7A

# 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.



847379



6F7A6F



777683

# Square

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



6F7A6F



687A82



7F747F



83746C

# Rectangle

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



6F7A6F



677B7A



7F747F



857374



# Sweetspot

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



6F7A6F



999E99



7A7A6F



4C4F4C



CFCFCF



4F4F4F



# Same Dimension

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



6F7A6F



8D9E8D



6F7A75



373D37



007D00



00FC00



# Inverse Universe

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



7A6F7A



9E8D9E



7A6F75



3D373D



7D007D

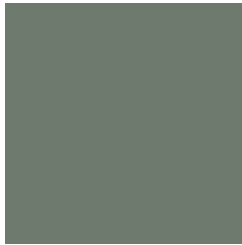


FC00FC



# Previews

## White Background



This preview shows how the Hex color 6F7A6F looks on a white background.

## Color Contrast Check

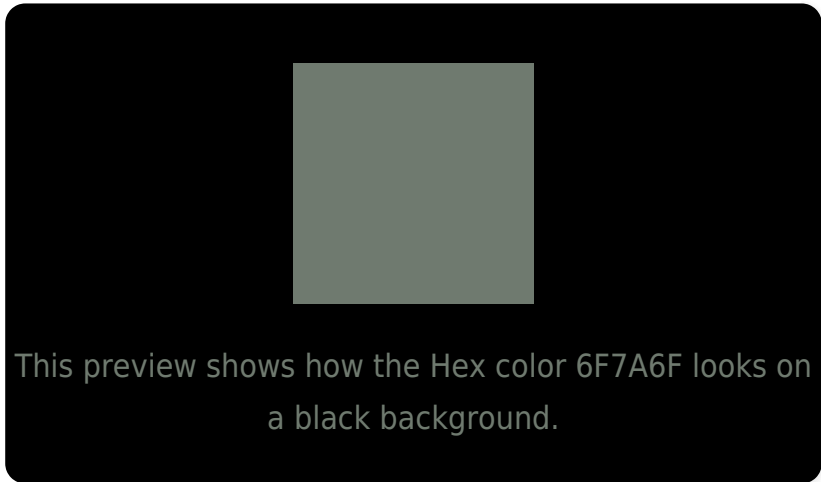
Large Text (above 18pt) WCAG AA ✓ Pass

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

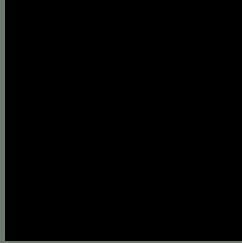
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

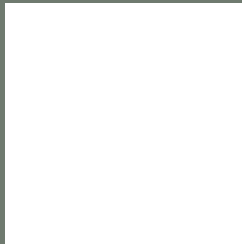
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6F7A6F Background



This preview shows how black text looks on a background with the Hex color 6F7A6F.

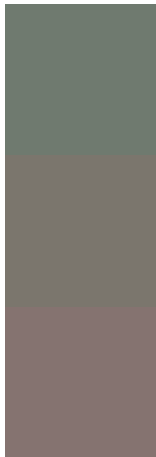


This preview shows how white text looks on a background with the Hex color 6F7A6F.

# 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**  
6F7A6F

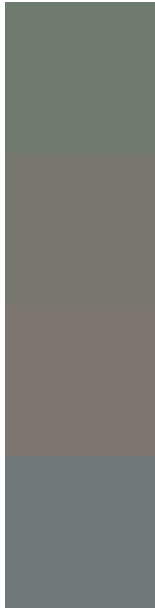
**Protanopia**  
7B766D

**Deuteranopia**  
857370



**Tritanopia**  
727781

# Trichromacy



**Original Color**  
6F7A6F

**Protanomaly**  
77776E

**Deuteranomaly**  
7D7670

**Tritanomaly**  
71787A

# Monochromacy



**Original Color**  
6F7A6F

**Achromatopsia**  
757575

**Achromatomaly**  
737773

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F7A6F 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 #6F7A6F looks like.

```
.text, #text, p{  
    color:#6F7A6F  
}
```

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 #6F7A6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F7A6F
}
```

## Border

The CSS property to change the border of an element to Hex 6F7A6F 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
#6F7A6F }
```

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

```
.border{ border-color:#6F7A6F }
```

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

Here you see how a box with a 4 pixel #6F7A6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F7A6F; -webkit-box-shadow:4px 4px  
4px 4px #6F7A6F; box-shadow:4px 4px 4px  
4px #6F7A6F }
```

# Background

The CSS property to change the background color of an element to Hex 6F7A6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F7A6F }
```

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

```
.background{ background-color:#6F7A6F }
```

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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