

# Converting Colors

Hex(6F866A)

Have a look what the booklet for  
Hex(6F866A) contains.

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# Color

**Hex(6F866A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6F866A
RGB	111, 134, 106
RGB Percent	44%, 53%, 42%
CMY	0.5647, 0.4745, 0.5843
CMYK	0.17, 0.00, 0.21, 0.47
HSL	109°, 12%, 47%
HSV	109°, 21%, 53%
XYZ	17.6822, 21.4703, 16.8479
YIQ	123.9310, -4.7200, -13.5840

# Conversions

## Conversions Part 2

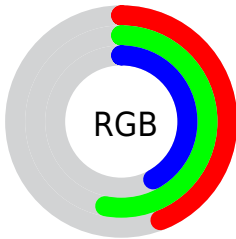
<b>Format</b>	<b>Color</b>
<b>RYB</b>	106, 134, 129
Decimal	7308906
CIELab	53.46, -13.97, 12.39
CIElCh	53, 18.668, 138.430
Yxy	21.4703, 0.3158, 0.3834
Android (android.graphics.Color)	4285498986 (0xFF6F866A)
YUV	123.9310, -8.8400, -11.3405
Hunter-Lab	46.3361, -12.9713, 10.8773

# Details

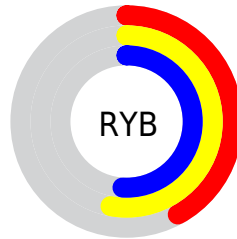
The Hex color **6F866A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **816A86**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **A3BB9D**, and **3F543B** is the 20% darker color. If you saturate the color by 10%, you get **64865D**, and if you desaturate by 10%, it is **7A8677**.

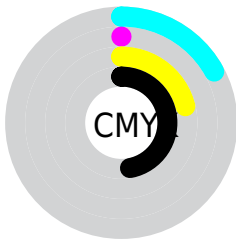
# Distribution



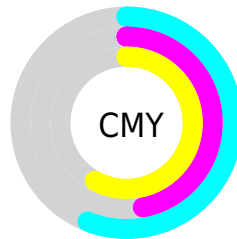
- Red (44%)
- Green (53%)
- Blue (42%)



- Red (42%)
- Yellow (53%)
- Blue (51%)



- Cyan (17%)
- Magenta (0%)
- Yellow (21%)
- Black (47%)



- Cyan (56%)
- Magenta (47%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F866A 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 6F866A by changing the saturation by 10% instead.





6F866A



6F866A

FFFFFF



566D52



A3BB9D



3F543B



BED7B8



283D25



DAF3D4



132710



F7FFF0



001400



000000



6F866A



6F866A



64865D



7A8677



59864F



858685

 4E8642

 908692

 438634

 9B86A0

 388627

 A686AD

 2D861A

 B186BA

 22860C

 BC86C8

 188600

 C786D5

 D286E3

# Harmonies

## Analogous

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



818261



6F866A



5E8879

# Triad

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



6F866A



64839F



A17476

# Complementary

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



6F866A



816A86

# 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.



9C7587



6F866A



7A7E9E

# Square

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



6F866A



558797



8E7895



9D7768

# Rectangle

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



6F866A



558984



8E7895



A0747C



# Sweetspot

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



6F866A



A5ADA3



86816A



525751



D6D6D6



575757



# Same Dimension

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



6F866A



8AAD82



6A8673



3D423C



178200



000300



# Inverse Universe

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



816A86



A682AD



866A7D



413C42



6B0082



020003



# Previews

## White Background



This preview shows how the Hex color 6F866A looks on a white background.

## Color Contrast Check

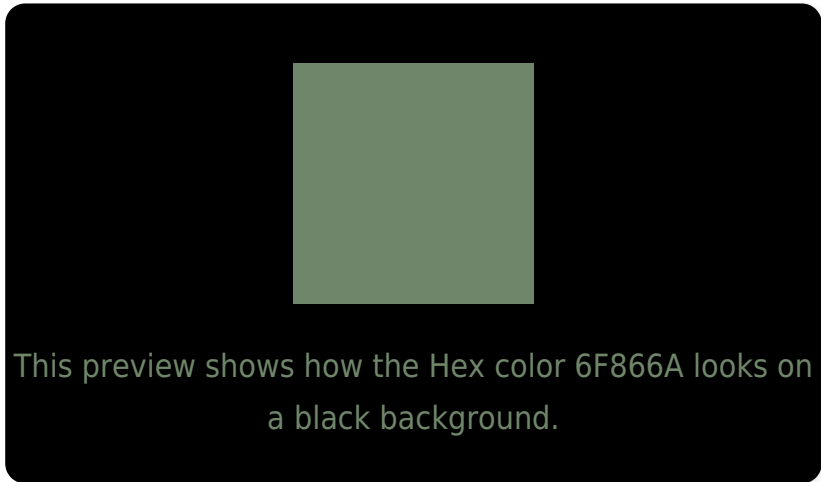
Large Text (above 18pt) WCAG AA ✓ Pass

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

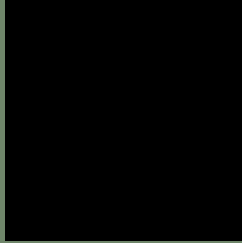
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

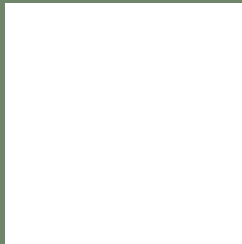
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6F866A Background



This preview shows how black text looks on a background with the Hex color 6F866A.



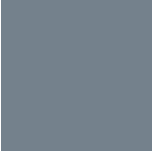
This preview shows how white text looks on a background with the Hex color 6F866A.

# 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](#).

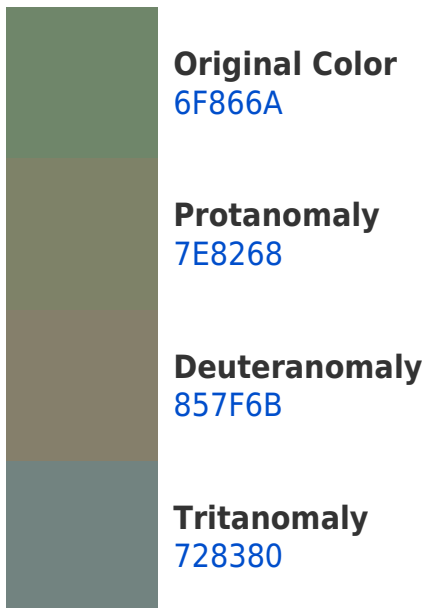
## Dichromacy



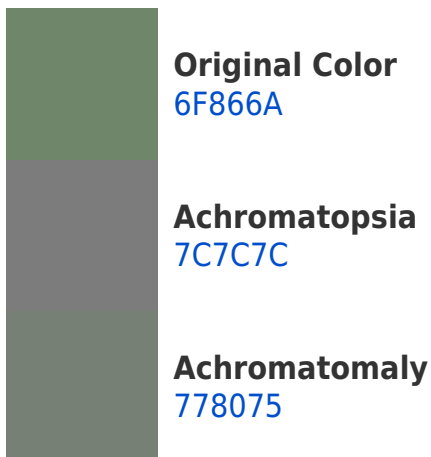


**Tritanopia**  
74818C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F866A 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 #6F866A looks like.

```
.text, #text, p{  
    color:#6F866A  
}
```

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 #6F866A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F866A
}
```

## Border

The CSS property to change the border of an element to Hex 6F866A 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".

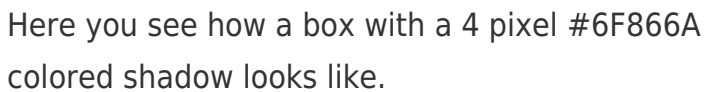
```
.border, #border, table{ border:4px solid
#6F866A }
```

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

```
.border{ border-color:#6F866A }
```

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

Here you see how a box with a 4 pixel #6F866A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F866A; -webkit-box-shadow:4px 4px  
4px 4px #6F866A; box-shadow:4px 4px 4px  
4px #6F866A }
```

# Background

The CSS property to change the background color of an element to Hex 6F866A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F866A }
```

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

```
.background{ background-color:#6F866A }
```

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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