

# Converting Colors

Hex(6F7854)

Have a look what the booklet for  
Hex(6F7854) contains.

<b>Hex(6F7854)</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(6F7854)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6F7854
RGB	111, 120, 84
RGB Percent	44%, 47%, 33%
CMY	0.5647, 0.5294, 0.6706
CMYK	0.07, 0.00, 0.30, 0.53
HSL	75°, 18%, 40%
HSV	75°, 30%, 47%
XYZ	14.8722, 17.4525, 10.9723
YIQ	113.2050, 6.1920, -13.1040

# Conversions

## Conversions Part 2

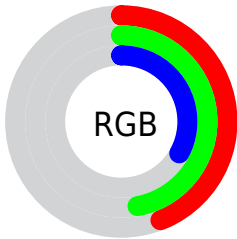
Format	Color
<b>RYB</b>	84, 120, 93
Decimal	7305300
CIELab	48.83, -9.99, 18.70
CIElCh	49, 21.198, 118.108
Yxy	17.4525, 0.3435, 0.4031
Android (android.graphics.Color)	4285495380 (0xFF6F7854)
YUV	113.2050, -14.3981, -1.9338
Hunter-Lab	41.7762, -9.5628, 13.6711

# Details

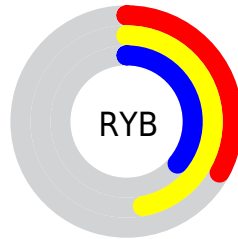
The Hex color **6F7854** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5D5478**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **A3AC86**, and **3F4826** is the 20% darker color. If you saturate the color by 10%, you get **6C7848**, and if you desaturate by 10%, it is **727860**.

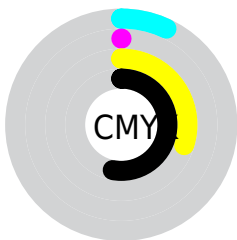
# Distribution



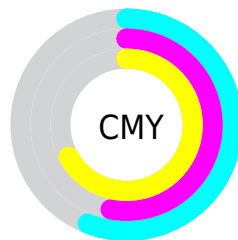
- Red (44%)
- Green (47%)
- Blue (33%)



- Red (33%)
- Yellow (47%)
- Blue (36%)



- Cyan (7%)
- Magenta (0%)
- Yellow (30%)
- Black (53%)



- Cyan (56%)
- Magenta (53%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F7854 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 6F7854 by changing the saturation by 10% instead.





6F7854



6F7854

FFFFFF



565F3D



A3AC86



3F4826



BEC8A0



283111



DAE4BB



141C00



F7FFD7



000000



FFFFF3



6F7854



6F7854



6C7848



727860



69783C



75786C

■ 667830

■ 787878

■ 637824

■ 7B7884

■ 607818

■ 7E7890

■ 5D780C

■ 81789C

■ 5A7800

■ 8478A8

■ 8778B4

■ 8A78C0

# Harmonies

## Analogous

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



827250



6F7854



5A7C61

# Triad

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



6F7854



457B92



966776

# Complementary

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



6F7854



5D5478

# 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.



8A6A87



6F7854



5B7697

# Square

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



6F7854



3D7E84



757094



986864

# Rectangle

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



6F7854



4D7D6C



757094



93677C



# Sweetspot

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



6F7854



989C8E



785D54



4D4F46



CFCFCF



4F4F4F



# Same Dimension

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



6F7854



8E9C64



5D7854



3C3D37



5E7D00



BDFC00



# Inverse Universe

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



5D5478



72649C



6F5478



39373D



1F007D



3F00FC



# Previews

## White Background



This preview shows how the Hex color 6F7854 looks on a white background.

## Color Contrast Check

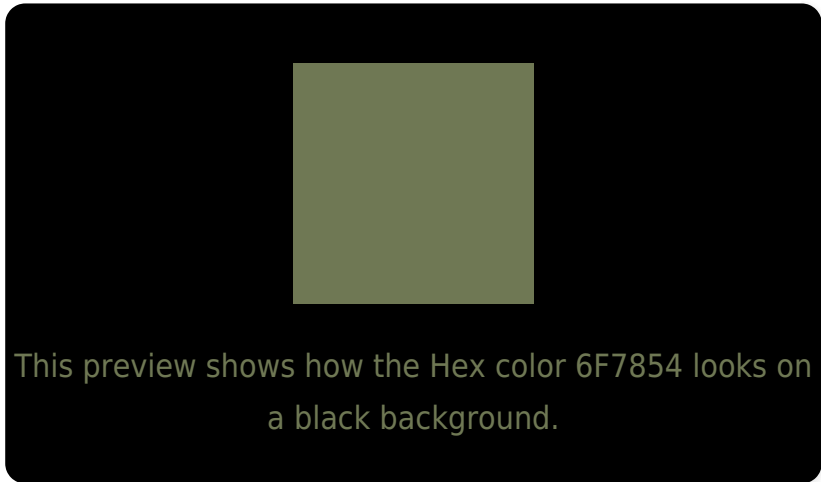
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

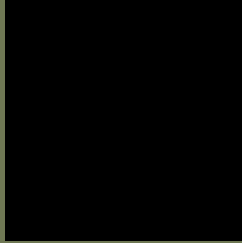
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6F7854 Background



This preview shows how black text looks on a background with the Hex color 6F7854.



This preview shows how white text looks on a background with the Hex color 6F7854.

# 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**  
6F7854

**Protanopia**  
7D7452

**Deuteranopia**  
896F56



**Tritanopia**  
74737C

# Trichromacy



**Original Color**  
6F7854

**Protanomaly**  
787553

**Deuteranomaly**  
807255

**Tritanomaly**  
72756D

# Monochromacy



**Original Color**  
6F7854

**Achromatopsia**  
717171

**Achromatomaly**  
707466

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F7854 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 #6F7854 looks like.

```
.text, #text, p{  
    color:#6F7854  
}
```

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 #6F7854 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F7854
}
```

## Border

The CSS property to change the border of an element to Hex 6F7854 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
#6F7854 }
```

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

```
.border{ border-color:#6F7854 }
```

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

Here you see how a box with a 4 pixel #6F7854 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F7854; -webkit-box-shadow:4px 4px  
4px 4px #6F7854; box-shadow:4px 4px 4px  
4px #6F7854 }
```

# Background

The CSS property to change the background color of an element to Hex 6F7854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F7854 }
```

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

```
.background{ background-color:#6F7854 }
```

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