

# Converting Colors

Hex(6F7A52)

Have a look what the booklet for  
Hex(6F7A52) contains.

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# Color

Hex(6F7A52)

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 6F7A52                     |
| RGB           | 111, 122, 82               |
| RGB Percent   | 44%, 48%, 32%              |
| CMY           | 0.5647, 0.5216, 0.6784     |
| CMYK          | 0.09, 0.00, 0.33, 0.52     |
| HSL           | 77°, 20%, 40%              |
| HSV           | 77°, 33%, 48%              |
| XYZ           | 15.0381, 17.9078, 10.6466  |
| YIQ           | 114.1510, 6.2840, -14.7720 |

# Conversions

## Conversions Part 2

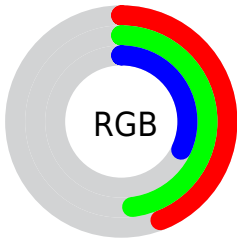
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 82, 122, 93                    |
| Decimal                             | 7305810                        |
| CIELab                              | 49.38, -11.40, 20.59           |
| CIElCh                              | 49, 23.536, 118.966            |
| Yxy                                 | 17.9078, 0.3450,<br>0.4108     |
| Android<br>(android.graphics.Color) | 4285495890<br>(0xFF6F7A52)     |
| YUV                                 | 114.1510, -15.8504,<br>-2.7634 |
| Hunter-Lab                          | 42.3176, -10.6236,<br>14.7056  |

# Details

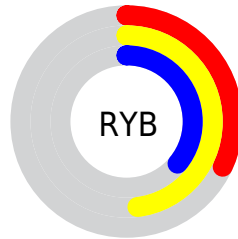
The Hex color **6F7A52** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5D527A**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **A3AE84**, and **3F4924** is the 20% darker color. If you saturate the color by 10%, you get **6C7A46**, and if you desaturate by 10%, it is **727A5E**.

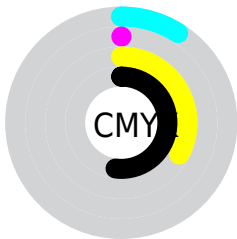
# Distribution



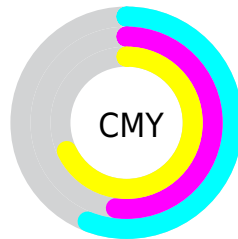
- Red (44%)
- Green (48%)
- Blue (32%)



- Red (32%)
- Yellow (48%)
- Blue (36%)



- Cyan (9%)
- Magenta (0%)
- Yellow (33%)
- Black (52%)



- Cyan (56%)
- Magenta (52%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F7A52 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 6F7A52 by changing the saturation by 10% instead.





6F7A52



6F7A52

FFFFFF



56613B



A3AE84



3F4924



BECA9E



28330F



DAE6B9



141E00



F7FFD5



000000



FFFFFF1



6F7A52



6F7A52



6C7A46



727A5E



687A3A



767A6A

■ 657A2D

■ 797A77

■ 627A21

■ 7C7A83

■ 5E7A15

■ 807A8F

■ 5B7A09

■ 837A9B

■ 587A00

■ 867AA7

■ 8A7AB4

■ 8D7AC0

# Harmonies

## Analogous

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



84744D



6F7A52



587E60

# Triad

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



6F7A52



3E7D97



9B6777

# Complementary

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



6F7A52



5D527A

# 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.



8E6A8A



6F7A52



5A779D

# Square

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



6F7A52



348088



777098



9D6863

# Rectangle

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



6F7A52



48806D



777098



98677E



# Sweetspot

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



6F7A52



9A9E8E



7A5D52



4C4F46



CFCFCF



4F4F4F



# Same Dimension

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



6F7A52



8D9E60



5B7A52



3C3D37



5B7D00



B7FC00



# Inverse Universe

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



5D527A



71609E



71527A



39373D



22007D



4500FC



# Previews

## White Background



This preview shows how the Hex color 6F7A52 looks on a white background.

## Color Contrast Check

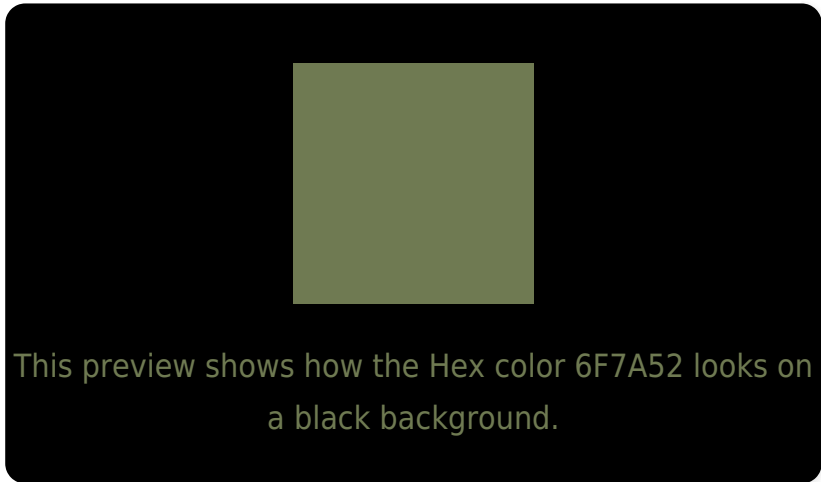
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

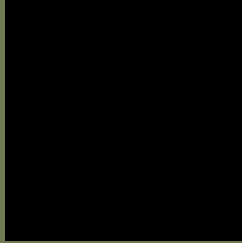
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

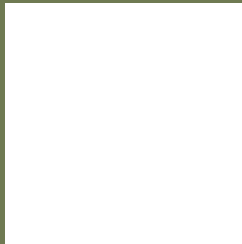
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6F7A52 Background



This preview shows how black text looks on a background with the Hex color 6F7A52.



This preview shows how white text looks on a background with the Hex color 6F7A52.

# 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**  
6F7A52

**Protanopia**  
7F7550

**Deuteranopia**  
8B7054



**Tritanopia**  
75757E

# Trichromacy



**Original Color**  
6F7A52

**Protanomaly**  
797751

**Deuteranomaly**  
817453

**Tritanomaly**  
73776E

# Monochromacy



**Original Color**  
6F7A52

**Achromatopsia**  
727272

**Achromatomaly**  
717566

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F7A52 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 #6F7A52 looks like.

```
.text, #text, p{  
    color:#6F7A52  
}
```

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 #6F7A52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F7A52
}
```

## Border

The CSS property to change the border of an element to Hex 6F7A52 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
#6F7A52 }
```

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

```
.border{ border-color:#6F7A52 }
```

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

Here you see how a box with a 4 pixel #6F7A52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F7A52; -webkit-box-shadow:4px 4px  
4px 4px #6F7A52; box-shadow:4px 4px 4px  
4px #6F7A52 }
```

# Background

The CSS property to change the background color of an element to Hex 6F7A52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F7A52 }
```

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

```
.background{ background-color:#6F7A52 }
```

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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