

# Converting Colors

Hex(75804B)

Have a look what the booklet for  
Hex(75804B) contains.

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**Color**

**Hex(75804B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	75804B
RGB	117, 128, 75
RGB Percent	46%, 50%, 29%
CMY	0.5412, 0.4980, 0.7059
CMYK	0.09, 0.00, 0.41, 0.50
HSL	72°, 26%, 40%
HSV	72°, 41%, 50%
XYZ	16.3253, 19.7283, 9.6041
YIQ	118.6690, 10.4570, -18.8150

# Conversions

## Conversions Part 2

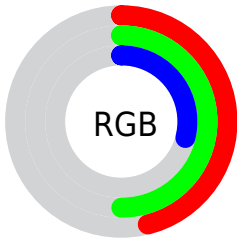
<b>Format</b>	<b>Color</b>
<b>RYB</b>	75, 128, 86
Decimal	7700555
CIELab	51.53, -13.14, 27.40
CIELCh	52, 30.386, 115.613
Yxy	19.7283, 0.3576, 0.4321
Android (android.graphics.Color)	4285890635 (0xFF75804B)
YUV	118.6690, -21.5288, -1.4637
Hunter-Lab	44.4165, -12.1212, 18.2714

# Details

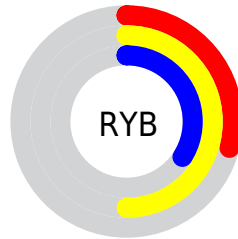
The Hex color **75804B** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **564B80**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **AAB57D**, and **434F1D** is the 20% darker color. If you saturate the color by 10%, you get **72803E**, and if you desaturate by 10%, it is **788058**.

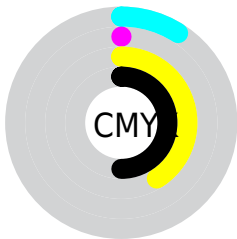
# Distribution



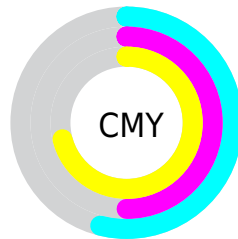
- Red (46%)
- Green (50%)
- Blue (29%)



- Red (29%)
- Yellow (50%)
- Blue (34%)



- Cyan (9%)
- Magenta (0%)
- Yellow (41%)
- Black (50%)



- Cyan (54%)
- Magenta (50%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 75804B 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 75804B by changing the saturation by 10% instead.





75804B



75804B

FFFFFF



5C6734



AAB57D



434F1D



C5D097



2C3805



E2EDB2



172300



FFFFCD



000A00



FFFFEA



000000



75804B



75804B



72803E



788058



708031



7A8065

 6D8025

 7D8071

 6A8018

 80807E

 68800B

 82808B

 658000

 858098

 8880A5

 8A80B1

 8D80BE

# Harmonies

## Analogous

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



8F7847



75804B



56865D

# Triad

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



75804B



1B85A5



AA6780

# Complementary

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



75804B



564B80

# 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.



986C98



75804B



4E7FAE

# Square

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



75804B



038890



7875AA



AD6866

# Rectangle

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



75804B



3F886D



7875AA



A56888



# Sweetspot

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



75804B



A2A692



80564B



525448



D4D4D4



545454



# Same Dimension

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



75804B



95A653



5B804B



3E4039



658000



000000



# Inverse Universe

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



564B80



6453A6



704B80



3B3940



1A0080



000000



# Previews

## White Background



This preview shows how the Hex color 75804B looks on a white background.

## Color Contrast Check

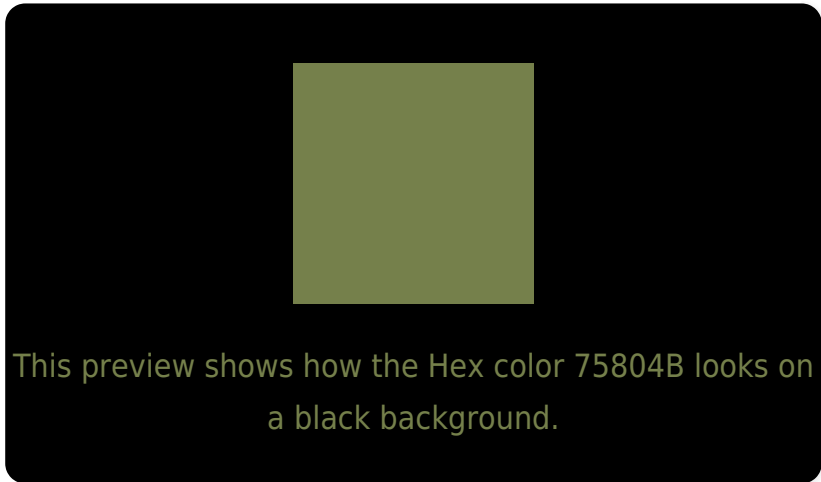
Large Text (above 18pt) WCAG AA ✓ Pass

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

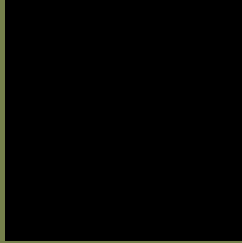
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 75804B Background



This preview shows how black text looks on a background with the Hex color 75804B.

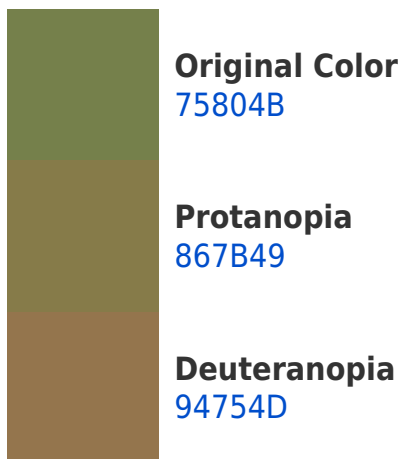


This preview shows how white text looks on a background with the Hex color 75804B.

# 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**  
7C7983

# Trichromacy



**Original Color**  
75804B

**Protanomaly**  
807D4A

**Deuteranomaly**  
89794C

**Tritanomaly**  
797C6F

# Monochromacy



**Original Color**  
75804B

**Achromatopsia**  
777777

**Achromatomaly**  
767A67

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 75804B 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 #75804B looks like.

```
.text, #text, p{  
    color:#75804B  
}
```

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 #75804B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75804B
}
```

## Border

The CSS property to change the border of an element to Hex 75804B 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
#75804B }
```

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

```
.border{ border-color:#75804B }
```

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

Here you see how a box with a 4 pixel #75804B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75804B; -webkit-box-shadow:4px 4px  
4px 4px #75804B; box-shadow:4px 4px 4px  
4px #75804B }
```

# Background

The CSS property to change the background color of an element to Hex 75804B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75804B }
```

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

```
.background{ background-color:#75804B }
```

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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