

# Converting Colors

Hex(77834B)

Have a look what the booklet for  
Hex(77834B) contains.

<b>Hex(77834B)</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(77834B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	77834B
RGB	119, 131, 75
RGB Percent	47%, 51%, 29%
CMY	0.5333, 0.4863, 0.7059
CMYK	0.09, 0.00, 0.43, 0.49
HSL	73°, 27%, 40%
HSV	73°, 43%, 51%
XYZ	16.9940, 20.6625, 9.7492
YIQ	121.0280, 10.8240, -19.9600

# Conversions

## Conversions Part 2

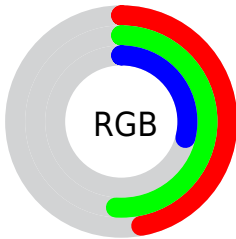
<b>Format</b>	<b>Color</b>
<b>RYB</b>	75, 131, 87
Decimal	7832395
CIELab	52.58, -13.92, 28.76
CIElCh	53, 31.953, 115.817
Yxy	20.6625, 0.3585, 0.4359
Android (android.graphics.Color)	4286022475 (0xFF77834B)
YUV	121.0280, -22.6918, -1.7786
Hunter-Lab	45.4561, -12.8147, 19.1030

# Details

The Hex color **77834B** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **574B83**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **ACB87D**, and **45521D** is the 20% darker color. If you saturate the color by 10%, you get **74833E**, and if you desaturate by 10%, it is **7A8358**.

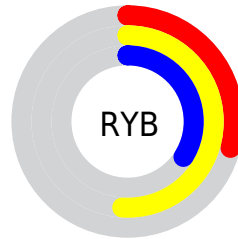
# Distribution



Red (47%)

Green (51%)

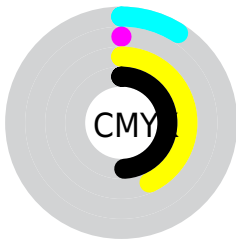
Blue (29%)



Red (29%)

Yellow (51%)

Blue (34%)

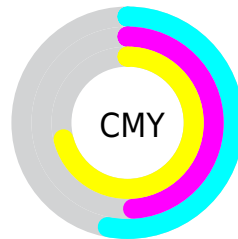


Cyan (9%)

Magenta (0%)

Yellow (43%)

Black (49%)



Cyan (53%)

Magenta (49%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 77834B 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 77834B by changing the saturation by 10% instead.





77834B



77834B

FFFFFF



5E6A33



ACB87D



45521D



C8D497



2E3B05



E4F0B2



182500



FFFFCE



001000



FFFFEA



000000



77834B



77834B



74833E



7A8358



718331



7D8365

 6F8324

 7F8372

 6C8317

 82837F

 698309

 85838C

 678300

 88839A

 8B83A7

 8D83B4

 9083C1

# Harmonies

## Analogous

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



937B46



77834B



57895E

# Triad

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



77834B



0E88AA



AF6882

# Complementary

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



77834B



574B83

# 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.



9C6E9D



77834B



4D81B4

# Square

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



77834B



008C94



7B78AF



B26967

# Rectangle

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



77834B



3E8B6F



7B78AF



AB698C



# Sweetspot

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



77834B



A6AB95



83564B



545749



D6D6D6



575757



# Same Dimension

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



77834B



98AB54



5C834B



41423C



668200



020300



# Inverse Universe

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



574B83



6654AB



724B83



3D3C42



1C0082



010003



# Previews

## White Background



This preview shows how the Hex color 77834B looks on a white background.

## Color Contrast Check

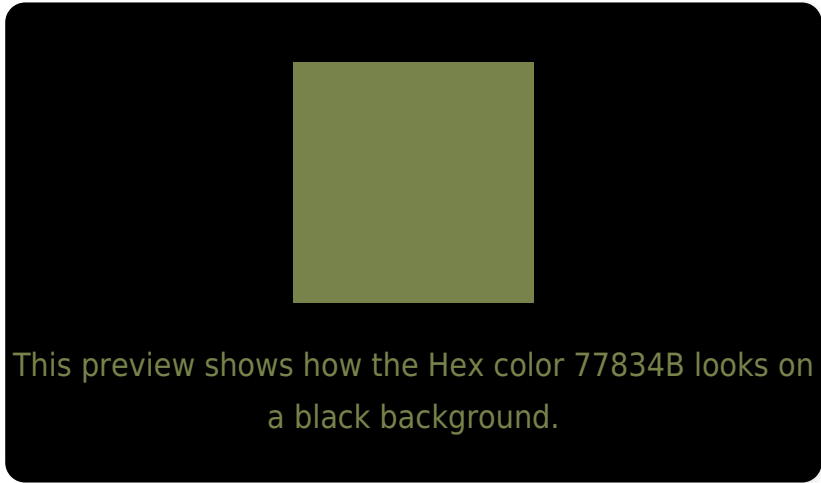
Large Text (above 18pt) WCAG AA ✓ Pass

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

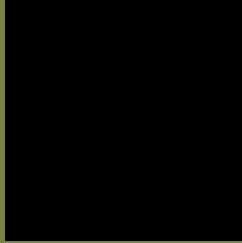
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 77834B Background



This preview shows how black text looks on a background with the Hex color 77834B.



This preview shows how white text looks on a background with the Hex color 77834B.

# 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**  
77834B

**Protanopia**  
897D49

**Deuteranopia**  
97784E



**Tritanopia**  
7E7C86

# Trichromacy



**Original Color**  
77834B

**Protanomaly**  
827F4A

**Deuteranomaly**  
8B7C4D

**Tritanomaly**  
7B7F71

# Monochromacy



**Original Color**  
77834B

**Achromatopsia**  
797979

**Achromatomaly**  
787D68

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 77834B 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 #77834B looks like.

```
.text, #text, p{  
    color:#77834B  
}
```

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 #77834B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77834B
}
```

## Border

The CSS property to change the border of an element to Hex 77834B 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
#77834B }
```

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

```
.border{ border-color:#77834B }
```

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

Here you see how a box with a 4 pixel #77834B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77834B; -webkit-box-shadow:4px 4px  
4px 4px #77834B; box-shadow:4px 4px 4px  
4px #77834B }
```

# Background

The CSS property to change the background color of an element to Hex 77834B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77834B }
```

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

```
.background{ background-color:#77834B }
```

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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