

# Converting Colors

Hex(76834E)

Have a look what the booklet for  
Hex(76834E) contains.

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**Color**

**Hex(76834E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	76834E
RGB	118, 131, 78
RGB Percent	46%, 51%, 31%
CMY	0.5373, 0.4863, 0.6941
CMYK	0.10, 0.00, 0.40, 0.49
HSL	75°, 25%, 41%
HSV	75°, 40%, 51%
XYZ	16.9627, 20.6342, 10.2965
YIQ	121.0710, 9.2650, -19.2390

# Conversions

## Conversions Part 2

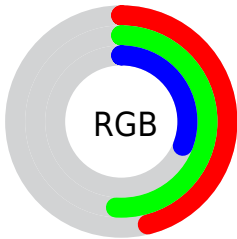
<b>Format</b>	<b>Color</b>
<b>RYB</b>	78, 131, 91
Decimal	7766862
CIELab	52.55, -13.95, 27.07
CIElCh	53, 30.451, 117.274
Yxy	20.6342, 0.3542, 0.4308
Android (android.graphics.Color)	4285956942 (0xFF76834E)
YUV	121.0710, -21.2340, -2.6933
Hunter-Lab	45.4249, -12.8377, 18.3581

# Details

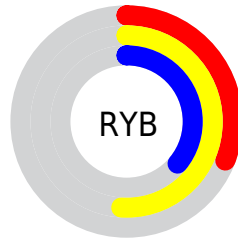
The Hex color **76834E** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **5B4E83**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **ABB880**, and **445220** is the 20% darker color. If you saturate the color by 10%, you get **738341**, and if you desaturate by 10%, it is **79835B**.

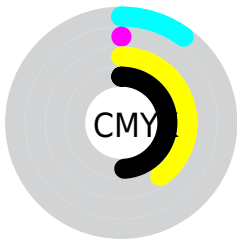
# Distribution



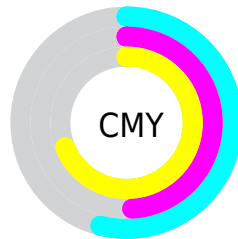
- Red (46%)
- Green (51%)
- Blue (31%)



- Red (31%)
- Yellow (51%)
- Blue (36%)



- Cyan (10%)
- Magenta (0%)
- Yellow (40%)
- Black (49%)



- Cyan (54%)
- Magenta (49%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 76834E 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 76834E by changing the saturation by 10% instead.





76834E



76834E

FFFFFF



5D6A36



ABB880



445220



C7D49A



2D3B09



E3F0B5



182500



FFFFD1



001000



FFFFED



000000



76834E



76834E



738341



79835B



708334



7C8368

■ 6C8327

■ 808375

■ 69831A

■ 838382

■ 66830C

■ 868390

■ 638300

■ 89839D

■ 8C83AA

■ 9083B7

■ 9383C4

# Harmonies

## Analogous

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



917B49



76834E



578960

# Triad

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



76834E



2287A9



AD6981

# Complementary

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



76834E



5B4E83

# 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.



9C6E9A



76834E



5381B1

# Square

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



76834E



098B94



7D77AC



B06B67

# Rectangle

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



76834E



408B71



7D77AC



A96A8A



# Sweetspot

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



76834E



A6AB96



835A4E



54574B



D6D6D6



575757



# Same Dimension

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



76834E



96AB57



5C834E



41423C



628200



020300



# Inverse Universe

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



5B4E83



6C57AB



754E83



3D3C42



200082



010003



# Previews

## White Background



This preview shows how the Hex color 76834E looks on a white background.

## Color Contrast Check

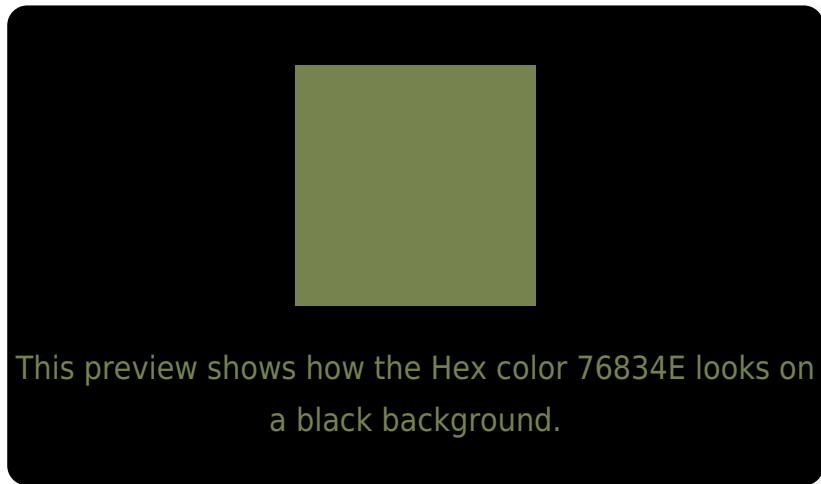
Large Text (above 18pt) WCAG AA ✓ Pass

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 76834E Background



This preview shows how black text looks on a background with the Hex color 76834E.



This preview shows how white text looks on a background with the Hex color 76834E.

# 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**  
76834E

**Protanopia**  
897D4C

**Deuteranopia**  
977851



**Tritanopia**  
7D7C86

# Trichromacy



**Original Color**  
76834E

**Protanomaly**  
827F4D

**Deuteranomaly**  
8B7C50

**Tritanomaly**  
7A7F72

# Monochromacy



**Original Color**  
76834E

**Achromatopsia**  
797979

**Achromatomaly**  
787D69

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 76834E 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 #76834E looks like.

```
.text, #text, p{  
    color:#76834E  
}
```

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 #76834E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76834E
}
```

## Border

The CSS property to change the border of an element to Hex 76834E 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
#76834E }
```

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

```
.border{ border-color:#76834E }
```

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

Here you see how a box with a 4 pixel #76834E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76834E; -webkit-box-shadow:4px 4px  
4px 4px #76834E; box-shadow:4px 4px 4px  
4px #76834E }
```

# Background

The CSS property to change the background color of an element to Hex 76834E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76834E }
```

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

```
.background{ background-color:#76834E }
```

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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