

# Converting Colors

Hex(7E834A)

Have a look what the booklet for  
Hex(7E834A) contains.

<b>Hex(7E834A)</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(7E834A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7E834A
RGB	126, 131, 74
RGB Percent	49%, 51%, 29%
CMY	0.5059, 0.4863, 0.7098
CMYK	0.04, 0.00, 0.44, 0.49
HSL	65°, 28%, 40%
HSV	65°, 44%, 51%
XYZ	17.9565, 21.1626, 9.6170
YIQ	123.0070, 15.3170, -18.7870

# Conversions

## Conversions Part 2

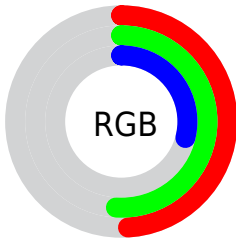
<b>Format</b>	<b>Color</b>
<b>RYB</b>	74, 131, 79
Decimal	8291146
CIELab	53.13, -11.06, 30.12
CIElCh	53, 32.083, 110.167
Yxy	21.1626, 0.3684, 0.4342
Android (android.graphics.Color)	4286481226 (0xFF7E834A)
YUV	123.0070, -24.1605, 2.6249
Hunter-Lab	46.0029, -10.8303, 19.8074

# Details

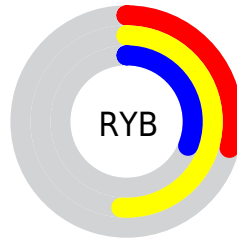
The Hex color **7E834A** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **4F4A83**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **B4B87C**, and **4C521C** is the 20% darker color. If you saturate the color by 10%, you get **7D833D**, and if you desaturate by 10%, it is **7F8357**.

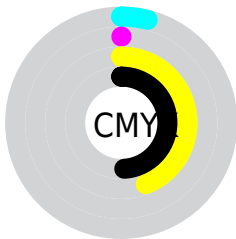
# Distribution



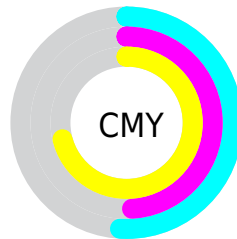
- Red (49%)
- Green (51%)
- Blue (29%)



- Red (29%)
- Yellow (51%)
- Blue (31%)



- Cyan (4%)
- Magenta (0%)
- Yellow (44%)
- Black (49%)



- Cyan (51%)
- Magenta (49%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E834A 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 7E834A by changing the saturation by 10% instead.



 7E834A

 7E834A

FFFFFF

 646A32

 B4B87C

 4C521C

 D0D496

 343B03

 ECF0B1

 1E2500

 FFFFCD

 001200

 FFFF E9

 000000

 7E834A

 7E834A

 7D833D

 7F8357

 7C8330

 808364

■ 7B8323

■ 818371

■ 798316

■ 83837E

■ 788309

■ 84838B

■ 788300

■ 858399

■ 8683A6

■ 8783B3

■ 8883C0

# Harmonies

## Analogous

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



997A48



7E834A



5E895B

# Triad

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



7E834A



008BA8



AE6A89

# Complementary

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



7E834A



4F4A83

# 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.



9971A2



7E834A



4484B5

# Square

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



7E834A



008D91



747BB3



B46A6D

# Rectangle

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



7E834A



468C6B



747BB3



A96C92



# Sweetspot

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



7E834A



A9AB95



834F4A



555749



D6D6D6



575757



# Same Dimension

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



7E834A



A3AB52



62834A



42423C



778200



020300



# Inverse Universe

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



4F4A83



5A52AB



6B4A83



3C3C42



0B0082



000003



# Previews

## White Background



This preview shows how the Hex color 7E834A 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

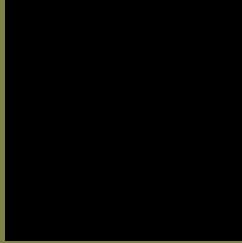
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7E834A Background



This preview shows how black text looks on a background with the Hex color 7E834A.



This preview shows how white text looks on a background with the Hex color 7E834A.

# 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](#).

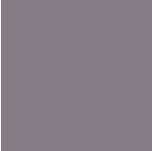
## Dichromacy



**Original Color**  
7E834A

**Protanopia**  
8B7F48

**Deuteranopia**  
9A794C



**Tritanopia**  
857C86

# Trichromacy



**Original Color**  
7E834A

**Protanomaly**  
868049

**Deuteranomaly**  
907D4B

**Tritanomaly**  
827F70

# Monochromacy



**Original Color**  
7E834A

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
7C7E69

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E834A 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 #7E834A looks like.

```
.text, #text, p{  
    color:#7E834A  
}
```

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 #7E834A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E834A
}
```

## Border

The CSS property to change the border of an element to Hex 7E834A 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
#7E834A }
```

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

```
.border{ border-color:#7E834A }
```

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

Here you see how a box with a 4 pixel #7E834A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E834A; -webkit-box-shadow:4px 4px  
4px 4px #7E834A; box-shadow:4px 4px 4px  
4px #7E834A }
```

# Background

The CSS property to change the background color of an element to Hex 7E834A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E834A }
```

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

```
.background{ background-color:#7E834A }
```

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