

# Converting Colors

Hex(7C824A)

Have a look what the booklet for  
Hex(7C824A) contains.

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**Color**

**Hex(7C824A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7C824A
RGB	124, 130, 74
RGB Percent	49%, 51%, 29%
CMY	0.5137, 0.4902, 0.7098
CMYK	0.05, 0.00, 0.43, 0.49
HSL	66°, 27%, 40%
HSV	66°, 43%, 51%
XYZ	17.5308, 20.7448, 9.5587
YIQ	121.8220, 14.4000, -18.6880

# Conversions

## Conversions Part 2

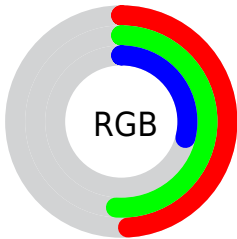
<b>Format</b>	<b>Color</b>
<b>RYB</b>	74, 130, 80
Decimal	8159818
CIELab	52.67, -11.37, 29.51
CIELCh	53, 31.622, 111.077
Yxy	20.7448, 0.3665, 0.4337
Android (android.graphics.Color)	4286349898 (0xFF7C824A)
YUV	121.8220, -23.5762, 1.9101
Hunter-Lab	45.5464, -11.0015, 19.4394

# Details

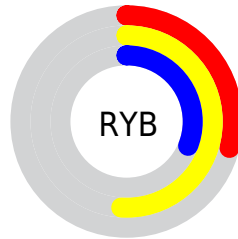
The Hex color **7C824A** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **504A82**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **B2B77C**, and **4A511C** is the 20% darker color. If you saturate the color by 10%, you get **7B823D**, and if you desaturate by 10%, it is **7D8257**.

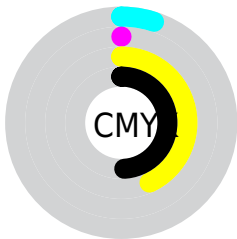
# Distribution



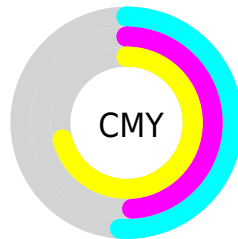
- Red (49%)
- Green (51%)
- Blue (29%)



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



- Cyan (5%)
- Magenta (0%)
- Yellow (43%)
- Black (49%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C824A 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 7C824A by changing the saturation by 10% instead.



 7C824A

 7C824A

FFFFFF

 626932

 B2B77C

 4A511C

 CDD296

 323A04

 EAEFB1

 1C2400

 FFFFCC

 001100

 FFFFEE9

 000000

 7C824A

 7C824A

 7B823D

 7D8257

 798230

 7F8264

■ 788223

■ 808271

■ 768216

■ 82827E

■ 758209

■ 83828B

■ 748200

■ 848298

■ 8682A5

■ 8782B2

■ 8982BF

# Harmonies

## Analogous

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



977948



7C824A



5D885B

# Triad

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



7C824A



0589A7



AD6987

# Complementary

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



7C824A



504A82

# 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.



9870A0



7C824A



4683B3

# Square

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



7C824A



008C90



757AB0



B2696C

# Rectangle

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



7C824A



458B6B



757AB0



A86B90



# Sweetspot

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



7C824A



A6A892



82504A



535447



D4D4D4



545454



# Same Dimension

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



7C824A



9FA851



60824A



3F4039



728000



000000



# Inverse Universe

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



504A82



5A51A8



6C4A82



3A3940



0E0080



000000



# Previews

## White Background



This preview shows how the Hex color 7C824A 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

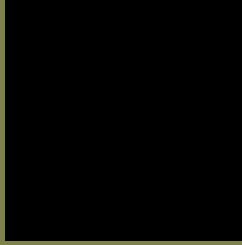
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7C824A Background



This preview shows how black text looks on a background with the Hex color 7C824A.



This preview shows how white text looks on a background with the Hex color 7C824A.

# 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**  
7C824A

**Protanopia**  
8A7E48

**Deuteranopia**  
98784C



**Tritanopia**  
837B85

# Trichromacy



**Original Color**  
7C824A

**Protanomaly**  
857F49

**Deuteranomaly**  
8E7C4B

**Tritanomaly**  
807E70

# Monochromacy



**Original Color**  
7C824A

**Achromatopsia**  
7A7A7A

**Achromatomaly**  
7B7D69

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C824A 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 #7C824A looks like.

```
.text, #text, p{  
    color:#7C824A  
}
```

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 #7C824A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C824A
}
```

## Border

The CSS property to change the border of an element to Hex 7C824A 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
#7C824A }
```

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

```
.border{ border-color:#7C824A }
```

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

Here you see how a box with a 4 pixel #7C824A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C824A; -webkit-box-shadow:4px 4px  
4px 4px #7C824A; box-shadow:4px 4px 4px  
4px #7C824A }
```

# Background

The CSS property to change the background color of an element to Hex 7C824A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C824A }
```

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

```
.background{ background-color:#7C824A }
```

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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