

# Converting Colors

Hex(77924C)

Have a look what the booklet for  
Hex(77924C) contains.

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**Color**

**Hex(77924C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	77924C
RGB	119, 146, 76
RGB Percent	47%, 57%, 30%
CMY	0.5333, 0.4275, 0.7020
CMYK	0.18, 0.00, 0.48, 0.43
HSL	83°, 32%, 44%
HSV	83°, 48%, 57%
XYZ	19.1911, 25.0015, 10.6518
YIQ	129.9470, 6.3780, -27.4940

# Conversions

## Conversions Part 2

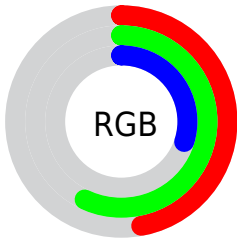
<b>Format</b>	<b>Color</b>
<b>RYB</b>	76, 146, 103
Decimal	7836236
CIELab	57.08, -21.66, 33.84
CIElCh	57, 40.176, 122.617
Yxy	25.0015, 0.3499, 0.4559
Android (android.graphics.Color)	4286026316 (0xFF77924C)
YUV	129.9470, -26.5959, -9.6005
Hunter-Lab	50.0015, -18.9923, 22.3706

# Details

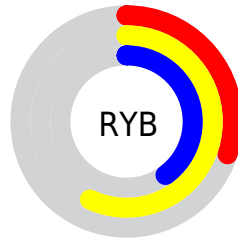
The Hex color **77924C** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **674C92**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **ADC87E**, and **455F1C** is the 20% darker color. If you saturate the color by 10%, you get **71923D**, and if you desaturate by 10%, it is **7D925B**.

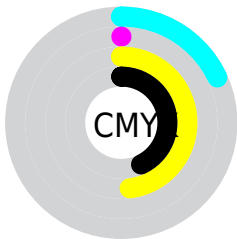
# Distribution



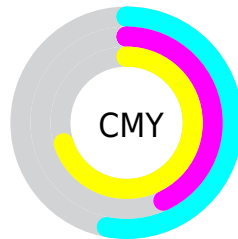
- Red (47%)
- Green (57%)
- Blue (30%)



- Red (30%)
- Yellow (57%)
- Blue (40%)



- Cyan (18%)
- Magenta (0%)
- Yellow (48%)
- Black (43%)



- Cyan (53%)
- Magenta (43%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 77924C 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 77924C by changing the saturation by 10% instead.



 77924C

 77924C

FFFFFF

 5D7834

 ADC87E

 455F1C

 C8E499

 2C4803

 E5FFB4

 163100

 FFFFD0

 001D00

 FFFFEC

 000000

 77924C

 77924C

 71923D

 7D925B

 6C922F

 829269

■ 669220

■ 889278

■ 609212

■ 8E9286

■ 5B9203

■ 939295

■ 5A9200

■ 9992A4

■ 9E92B2

■ A492C1

■ AA92CF

# Harmonies

## Analogous

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



9B8841



77924C



4A9867

# Triad

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



77924C



0095C7



CA6C87

# Complementary

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



77924C



674C92

# 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.



B772AA



77924C



548CCF

# Square

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



77924C



009AAE



907FC4



C97065

# Rectangle

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



77924C



189B7F



907FC4



C66D93



# Sweetspot

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



77924C



B3BDA2



92674C



585E4E



DEDEDE



5E5E5E



# Same Dimension

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



77924C



92BD4F



54924C



474A43



558A00



060A00



# Inverse Universe

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



674C92



794FBD



8A4C92



45434A



35008A



04000A



# Previews

## White Background



This preview shows how the Hex color 77924C looks on a white background.

## Color Contrast Check

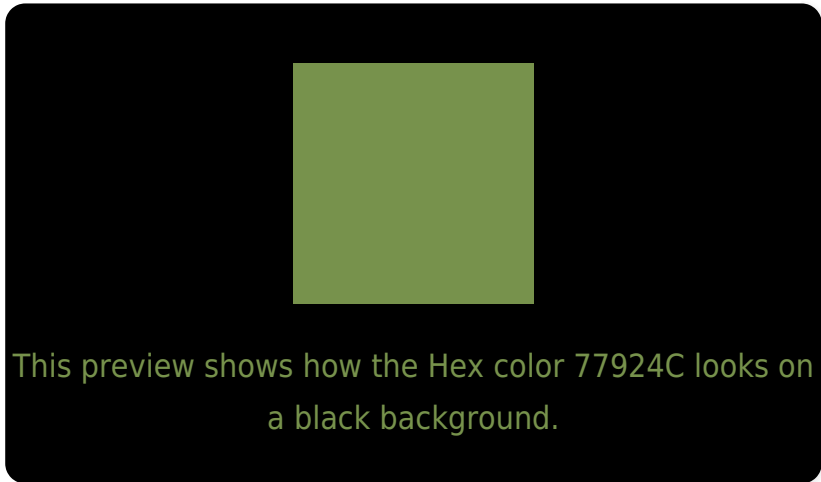
Large Text (above 18pt) WCAG AA ✓ Pass

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 77924C Background



This preview shows how black text looks on a background with the Hex color 77924C.



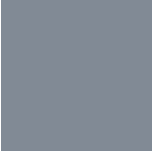
This preview shows how white text looks on a background with the Hex color 77924C.

# 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](#).

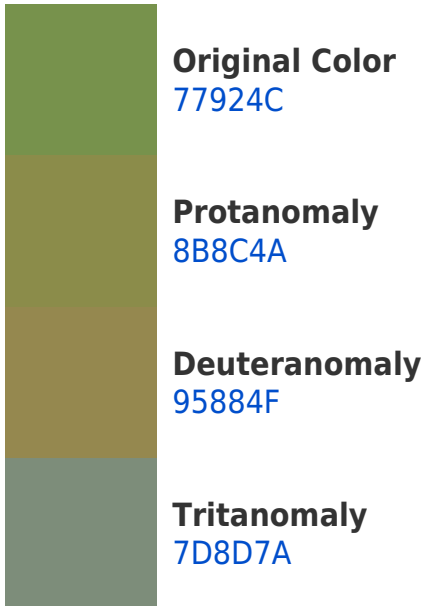
## Dichromacy



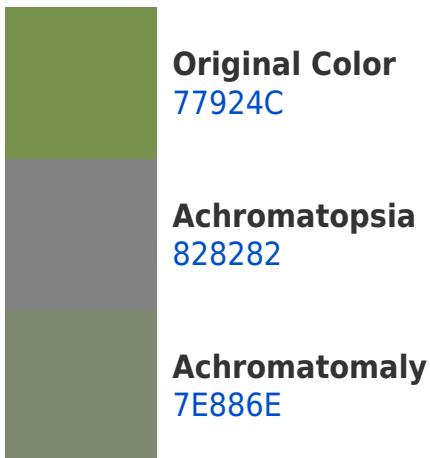


**Tritanopia**  
818A95

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 77924C 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 #77924C looks like.

```
.text, #text, p{  
    color:#77924C  
}
```

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 #77924C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77924C  
}
```

## Border

The CSS property to change the border of an element to Hex 77924C 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  
#77924C }
```

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

```
.border{ border-color:#77924C }
```

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

Here you see how a box with a 4 pixel #77924C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77924C; -webkit-box-shadow:4px 4px  
4px 4px #77924C; box-shadow:4px 4px 4px  
4px #77924C }
```

# Background

The CSS property to change the background color of an element to Hex 77924C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77924C }
```

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

```
.background{ background-color:#77924C }
```

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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