

# Converting Colors

Hex(77974A)

Have a look what the booklet for  
Hex(77974A) contains.

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**Color**

**Hex(77974A)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 77974A                     |
| RGB           | 119, 151, 74               |
| RGB Percent   | 47%, 59%, 29%              |
| CMY           | 0.5333, 0.4078, 0.7098     |
| CMYK          | 0.21, 0.00, 0.51, 0.41     |
| HSL           | 85°, 34%, 44%              |
| HSV           | 85°, 51%, 59%              |
| XYZ           | 19.9104, 26.5496, 10.5538  |
| YIQ           | 132.6540, 5.6450, -30.7310 |

# Conversions

## Conversions Part 2

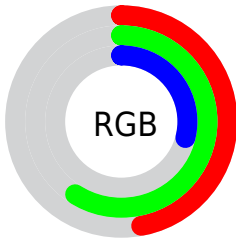
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 74, 151, 106                    |
| Decimal                             | 7837514                         |
| CIELab                              | 58.56, -24.41, 36.67            |
| CIELCh                              | 59, 44.052, 123.646             |
| Yxy                                 | 26.5496, 0.3492,<br>0.4657      |
| Android<br>(android.graphics.Color) | 4286027594<br>(0xFF77974A)      |
| YUV                                 | 132.6540, -28.9164,<br>-11.9746 |
| Hunter-Lab                          | 51.5263, -21.1964,<br>23.9244   |

# Details

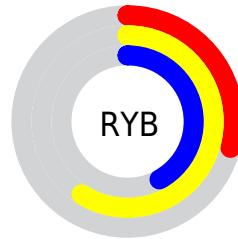
The Hex color **77974A** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6A4A97**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **ADCD7D**, and **446419** is the 20% darker color. If you saturate the color by 10%, you get **71973B**, and if you desaturate by 10%, it is **7D9759**.

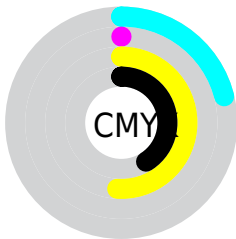
# Distribution



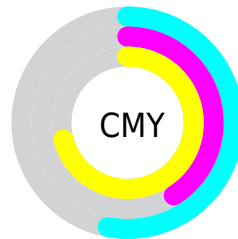
- Red (47%)
- Green (59%)
- Blue (29%)



- Red (29%)
- Yellow (59%)
- Blue (42%)



- Cyan (21%)
- Magenta (0%)
- Yellow (51%)
- Black (41%)



- Cyan (53%)
- Magenta (41%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 77974A 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 77974A by changing the saturation by 10% instead.





77974A



77974A

FFFFFF



5D7D32



ADCD7D



446419



C9EA97



2B4C00



E5FFB2



143500



FFFFCE



002100



FFFFEA



000000



77974A



77974A



71973B



7D9759



6A972C



849768

■ 64971D

■ 8A9777

■ 5E970E

■ 909786

■ 589700

■ 969796

■ 9D97A5

■ A397B4

■ A997C3

■ AF97D2

# Harmonies

## Analogous

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



9F8C3D



77974A



439E69

# Triad

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



77974A



009AD1



D46C8A

# Complementary

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



77974A



6A4A97

# 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.



C073B0



77974A



518FDA

# Square

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



77974A



009FB6



9681CD



D27164

# Rectangle

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



77974A



00A083



9681CD



D06D97



# Sweetspot

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



77974A



B8C4A7



97694A



5C6352



E3E3E3



636363



# Same Dimension

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



77974A



93C44D



52974A



494D45



528C00



070D00



# Inverse Universe

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



6A4A97



7E4DC4



8F4A97



48454D



3A008C



05000D



# Previews

## White Background



This preview shows how the Hex color 77974A looks on a white background.

## Color Contrast Check

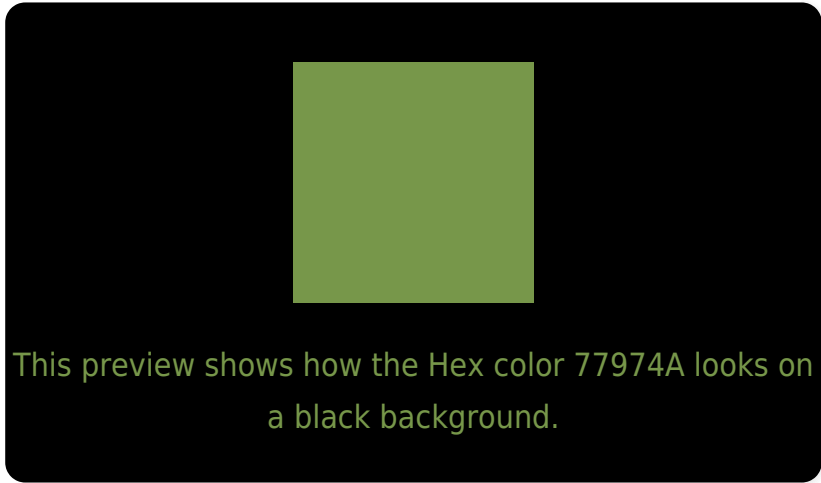
Large Text (above 18pt) WCAG AA ✓ Pass

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 77974A Background



This preview shows how black text looks on a background with the Hex color 77974A.



This preview shows how white text looks on a background with the Hex color 77974A.

# 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**  
77974A

**Protanopia**  
9B8D47

**Deuteranopia**  
AB864E



**Tritanopia**  
828E9A

# Trichromacy



**Original Color**  
77974A

**Protanomaly**  
8E9148

**Deuteranomaly**  
988C4D

**Tritanomaly**  
7E917D

# Monochromacy



**Original Color**  
77974A

**Achromatopsia**  
858585

**Achromatomaly**  
808C70

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 77974A 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 #77974A looks like.

```
.text, #text, p{  
    color:#77974A  
}
```

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 #77974A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77974A
}
```

## Border

The CSS property to change the border of an element to Hex 77974A 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
#77974A }
```

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

```
.border{ border-color:#77974A }
```

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

Here you see how a box with a 4 pixel #77974A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77974A; -webkit-box-shadow:4px 4px  
4px 4px #77974A; box-shadow:4px 4px 4px  
4px #77974A }
```

# Background

The CSS property to change the background color of an element to Hex 77974A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77974A }
```

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

```
.background{ background-color:#77974A }
```

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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