

Converting Colors

Hex(77A74B)

Have a look what the booklet for
Hex(77A74B) contains.

Hex(77A74B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(77A74B)

Conversions

Conversions Part 1

Format	Color
Hex	77A74B
RGB	119, 167, 75
RGB Percent	47%, 65%, 29%
CMY	0.5333, 0.3451, 0.7059
CMYK	0.29, 0.00, 0.55, 0.35
HSL	91°, 38%, 47%
HSV	91°, 55%, 65%
XYZ	22.6965, 32.0674, 11.6500
YIQ	142.1600, 0.9240, -38.7880

Conversions

Conversions Part 2

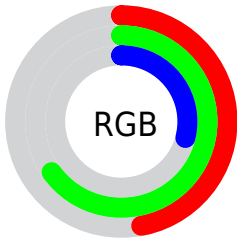
Format	Color
RYB	75, 167, 123
Decimal	7841611
CIELab	63.40, -32.03, 41.95
CIELCh	63, 52.779, 127.369
Yxy	32.0674, 0.3417, 0.4828
Android (android.graphics.Color)	4286031691 (0xFF77A74B)
YUV	142.1600, -33.1099, -20.3113
Hunter-Lab	56.6281, -27.5565, 27.4420

Details

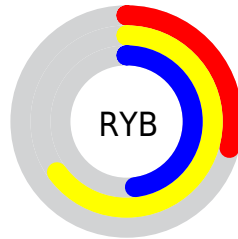
The Hex color **77A74B** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7B4BA7**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **AEDE7E**, and **437318** is the 20% darker color. If you saturate the color by 10%, you get **6EA73A**, and if you desaturate by 10%, it is **80A75C**.

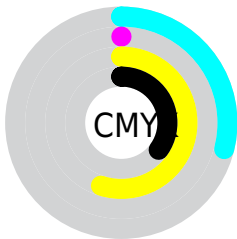
Distribution



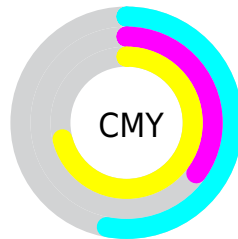
- Red (47%)
- Green (65%)
- Blue (29%)



- Red (29%)
- Yellow (65%)
- Blue (48%)



- Cyan (29%)
- Magenta (0%)
- Yellow (55%)
- Black (35%)



- Cyan (53%)
- Magenta (35%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77A74B 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 77A74B by changing the saturation by 10% instead.

 77A74B

 77A74B

FFFFFF

 5D8C32

 AEDE7E

 437318

 CAFB99

 285A00

 E6FFB4

 0E4200

 FFFFD0

 002B00

 FFFFED

 001400

 000000

 77A74B

 77A74B

 6EA73A

 80A75C

■ 66A72A

■ 88A76C

■ 5DA719

■ 91A77D

■ 54A708

■ 9AA78E

■ 50A700

■ A3A79E

■ ABA7AF

■ B4A7C0

■ BDA7D1

■ C5A7E1

Harmonies

Analogous

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



A99B36



77A74B



29AE74

Triad

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



77A74B



00A8F0



F07090

Complementary

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



77A74B



7B4BA7

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.



DC77BF



77A74B



579BF7

Square

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



77A74B



00AFD1



AC88E4



EA7963

Rectangle

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



77A74B



00B094



AC88E4



EC70A0

Sweetspot

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



77A74B



C6D9B4



A77B4B



626E58



EDEDED



6E6E6E

Same Dimension

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



77A74B



8ED94A



4BA74D



50544C



479400



0A1400

Inverse Universe

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



7B4BA7



944AD9



A74BA5



504C54



4D0094



0B0014

Previews

White Background



This preview shows how the Hex color 77A74B looks on a white background.

Color Contrast Check

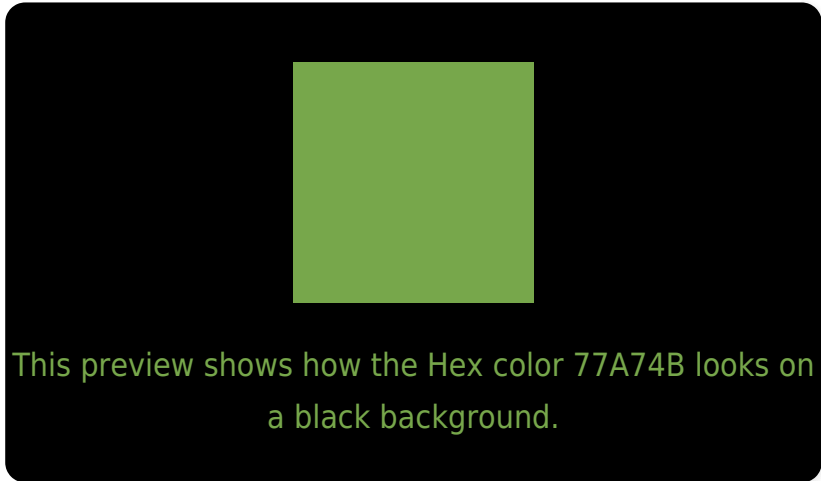
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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

Hex 77A74B Background



This preview shows how black text looks on a background with the Hex color 77A74B.

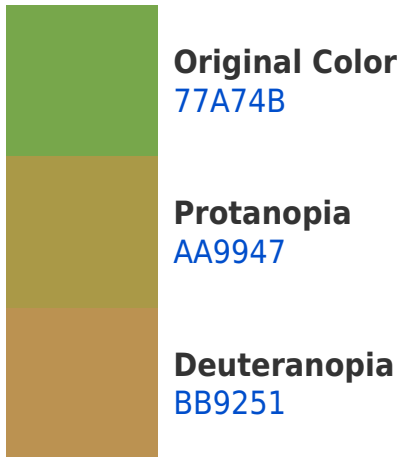


This preview shows how white text looks on a background with the Hex color 77A74B.

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](#).

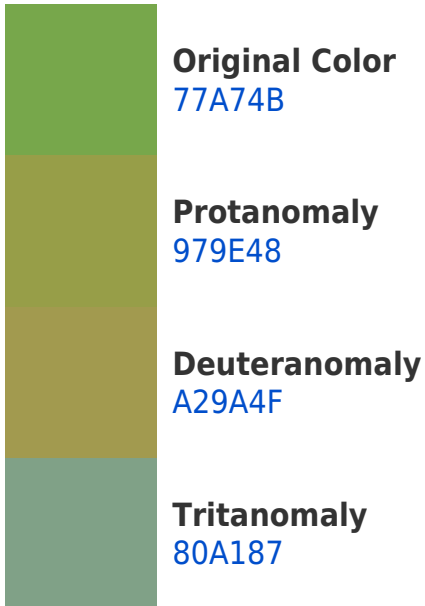
Dichromacy



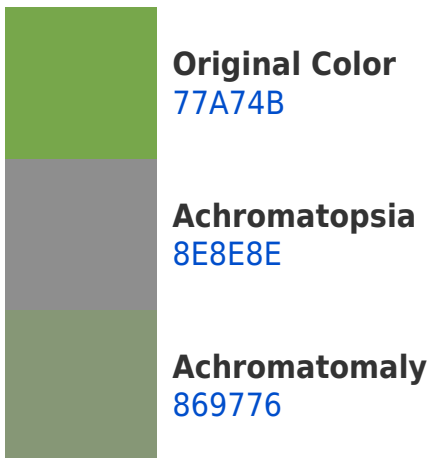


Tritanopia
859DAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 77A74B 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 #77A74B looks like.

```
.text, #text, p{  
    color:#77A74B  
}
```

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 #77A74B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77A74B
}
```

Border

The CSS property to change the border of an element to Hex 77A74B 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
#77A74B }
```

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

```
.border{ border-color:#77A74B }
```

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

Here you see how a box with a 4 pixel #77A74B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77A74B; -webkit-box-shadow:4px 4px  
4px 4px #77A74B; box-shadow:4px 4px 4px  
4px #77A74B }
```

Background

The CSS property to change the background color of an element to Hex 77A74B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77A74B }
```

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

```
.background{ background-color:#77A74B }
```

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