

Converting Colors

Hex(77B54A)

Have a look what the booklet for
Hex(77B54A) contains.

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Color

Hex(77B54A)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 77B54A |
| RGB | 119, 181, 74 |
| RGB Percent | 47%, 71%, 29% |
| CMY | 0.5333, 0.2902, 0.7098 |
| CMYK | 0.34, 0.00, 0.59, 0.29 |
| HSL | 95°, 42%, 50% |
| HSV | 95°, 59%, 71% |
| XYZ | 25.3677, 37.4641, 12.3728 |
| YIQ | 150.2640, -2.6050, -46.4210 |

Conversions

Conversions Part 2

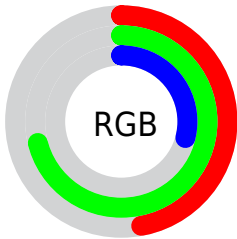
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 74, 181, 136 |
| Decimal | 7845194 |
| CIELab | 67.62, -38.53, 47.31 |
| CIELCh | 68, 61.009, 129.159 |
| Yxy | 37.4641, 0.3373, 0.4982 |
| Android (android.graphics.Color) | 4286035274 (0xFF77B54A) |
| YUV | 150.2640, -37.5982, -27.4185 |
| Hunter-Lab | 61.2079, -33.1345, 30.8604 |

Details

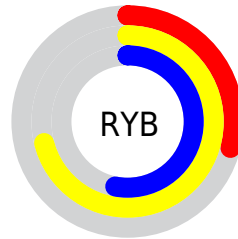
The Hex color **77B54A** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **884AB5**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **AEED7E**, and **418014** is the 20% darker color. If you saturate the color by 10%, you get **6DB538**, and if you desaturate by 10%, it is **81B55C**.

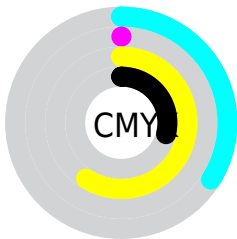
Distribution



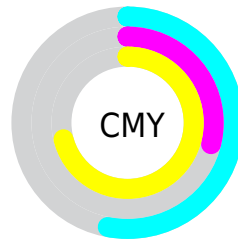
- Red (47%)
- Green (71%)
- Blue (29%)



- Red (29%)
- Yellow (71%)
- Blue (53%)



- Cyan (34%)
- Magenta (0%)
- Yellow (59%)
- Black (29%)



- Cyan (53%)
- Magenta (29%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77B54A 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 77B54A by changing the saturation by 10% instead.

 77B54A

 77B54A

FFFFFF

 5C9A30

 AEED7E

 418014

 CBFF99

 246600

 E8FFB5

 024D00

 FFFFD1

 003600

 FFFFEE

 002200

 000000

 77B54A

 77B54A

 6DB538

 81B55C

 62B526

 8CB56E

 58B514

 96B580

 4DB502

 A1B592

 4CB500

 ABB5A5

 B6B5B7

 C0B5C9

 CBB5DB

 D5B5ED

Harmonies

Analogous

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



B2A72E



77B54A



00BD7B

Triad

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



77B54A



00B5FF



FF7296

Complementary

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



77B54A



884AB5

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.



F479CD



77B54A



57A5FF

Square

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



77B54A



00BDE9



BE8FFB



FF7E62

Rectangle

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



77B54A



00BFA1



BE8FFB



FF72A9

Sweetspot

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



77B54A



D2EBC0



B5874A



66755B



F5F5F5



757575

Same Dimension

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



77B54A



8AEB44



4AB551



545950



409900



0B1A00

Inverse Universe

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



884AB5



A544EB



B54AAE



555059



590099



0F001A

Previews

White Background



This preview shows how the Hex color 77B54A looks on a white background.

Color Contrast Check

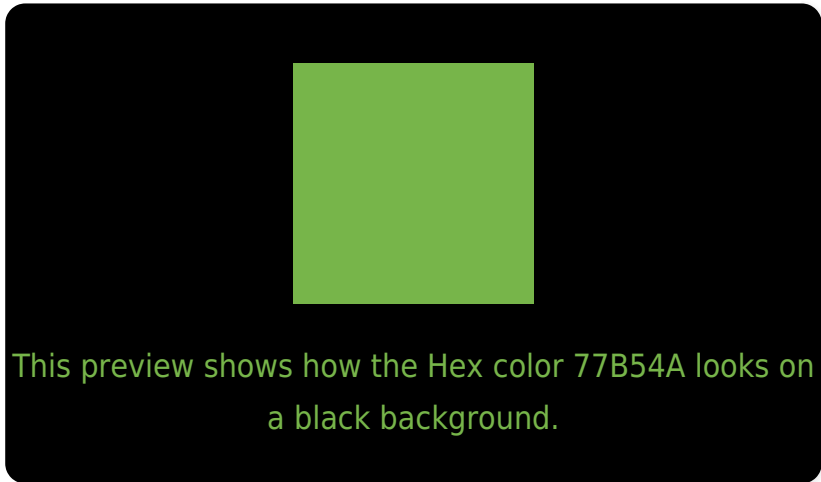
Large Text (above 18pt) WCAG AA × Fail

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 77B54A Background



This preview shows how black text looks on a background with the Hex color 77B54A.

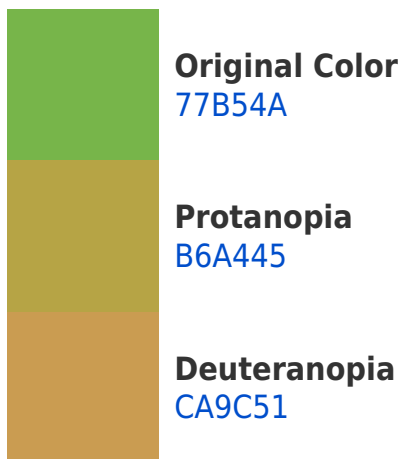


This preview shows how white text looks on a background with the Hex color 77B54A.

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](#).

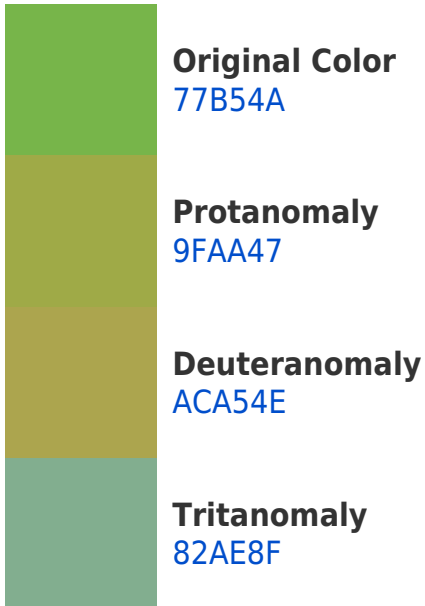
Dichromacy



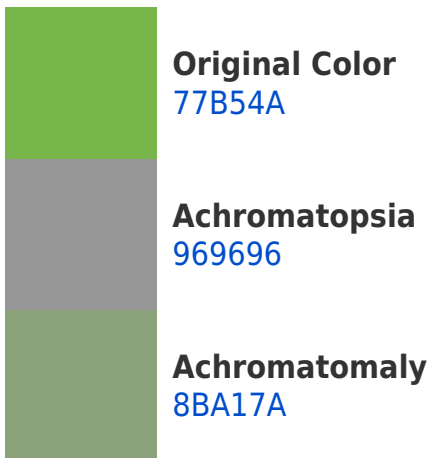


Tritanopia
88AAB7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 77B54A 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 #77B54A looks like.

```
.text, #text, p{  
    color:#77B54A  
}
```

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 #77B54A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77B54A
}
```

Border

The CSS property to change the border of an element to Hex 77B54A 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
#77B54A }
```

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

```
.border{ border-color:#77B54A }
```

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

Here you see how a box with a 4 pixel #77B54A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77B54A; -webkit-box-shadow:4px 4px  
4px 4px #77B54A; box-shadow:4px 4px 4px  
4px #77B54A }
```

Background

The CSS property to change the background color of an element to Hex 77B54A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77B54A }
```

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

```
.background{ background-color:#77B54A }
```

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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