

Converting Colors

Hex(77B47E)

Have a look what the booklet for
Hex(77B47E) contains.

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Color

Hex(77B47E)

Conversions

Conversions Part 1

Format	Color
Hex	77B47E
RGB	119, 180, 126
RGB Percent	47%, 71%, 49%
CMY	0.5333, 0.2941, 0.5059
CMYK	0.34, 0.00, 0.30, 0.29
HSL	127°, 29%, 59%
HSV	127°, 34%, 71%
XYZ	27.6949, 38.0708, 25.6274
YIQ	155.6050, -19.0220, -29.7260

Conversions

Conversions Part 2

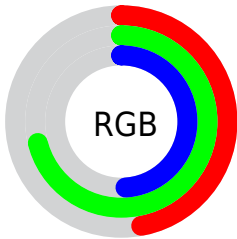
Format	Color
RYB	119, 174, 180
Decimal	7844990
CIELab	68.07, -30.90, 21.47
CIElCh	68, 37.628, 145.211
Yxy	38.0708, 0.3030, 0.4166
Android (android.graphics.Color)	4286035070 (0xFF77B47E)
YUV	155.6050, -14.5953, -32.1026
Hunter-Lab	61.7016, -27.8575, 18.5653

Details

The Hex color **77B47E** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **B477AD**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **ADECB3**, and **437F4D** is the 20% darker color. If you saturate the color by 10%, you get **65B46E**, and if you desaturate by 10%, it is **89B48E**.

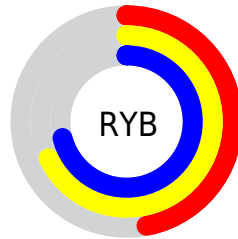
Distribution



Red (47%)

Green (71%)

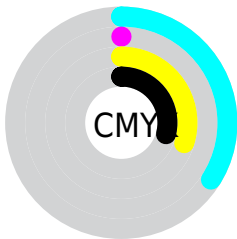
Blue (49%)



Red (47%)

Yellow (68%)

Blue (71%)

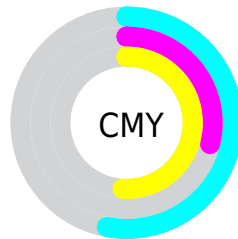


Cyan (34%)

Magenta (0%)

Yellow (30%)

Black (29%)



Cyan (53%)

Magenta (29%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77B47E 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 77B47E by changing the saturation by 10% instead.



77B47E



77B47E

FFFFFF



5D9965



ADECB3



437F4D



C9FFCF



2A6535



E6FFEB



0D4D1F



003609



002200



000000



77B47E



77B47E



65B46E



89B48E

 53B45E

 9BB49E

 41B44E

 ADB4AE

 2FB43E

 BFB4BE

 1DB42E

 D1B4CE

 0BB41E

 E3B4DE

 00B415

 F5B4EE

 FFB4FD

 FFB4FF

Harmonies

Analogous

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



9FAD67



77B47E



49B89F

Triad

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



77B47E



6AABE9



E88D8B

Complementary

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



77B47E



B477AD

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.



E38CAD



77B47E



A29FE3

Square

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



77B47E



29B3DD



CC93CD



DB966F

Rectangle

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



77B47E



23B8B7



CC93CD



E88C96

Sweetspot

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



77B47E



D3EBD6



AEB477



677569



F5F5F5



757575

Same Dimension

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



77B47E



8AEB95



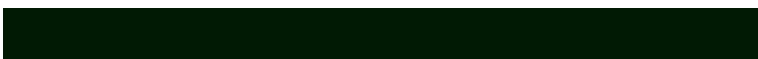
77B49C



505951



009912



001A03

Inverse Universe

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



B477AD



EB8AE0



B4778F



595058



990087



1A0017

Previews

White Background



This preview shows how the Hex color 77B47E looks on a white background.

Color Contrast Check

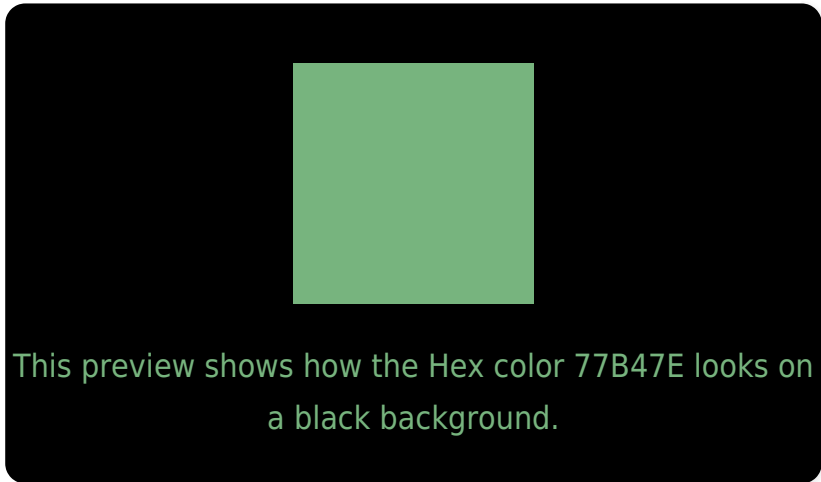
Large Text (above 18pt) WCAG AA × Fail

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

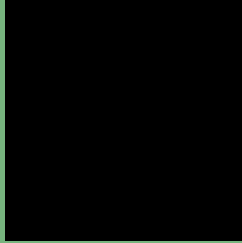
Any Text WCAG AA ✓ Pass

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 77B47E Background



This preview shows how black text looks on a background with the Hex color 77B47E.

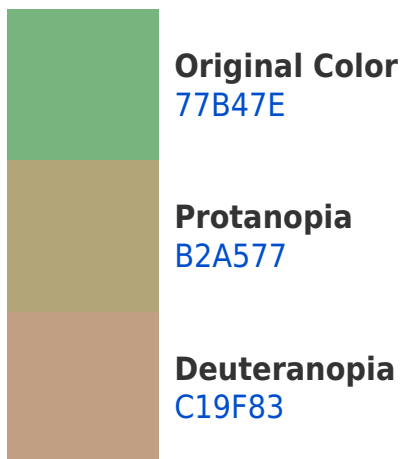


This preview shows how white text looks on a background with the Hex color 77B47E.

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](#).

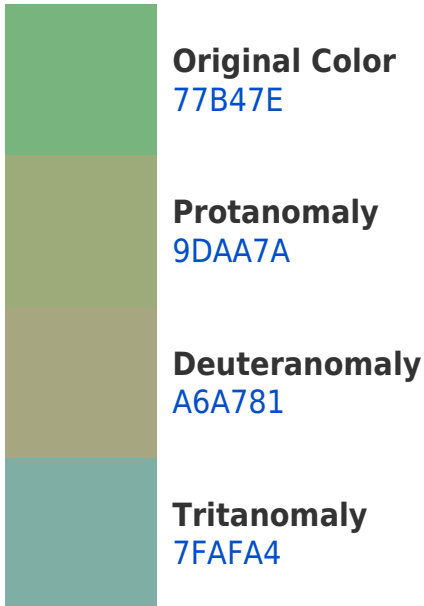
Dichromacy



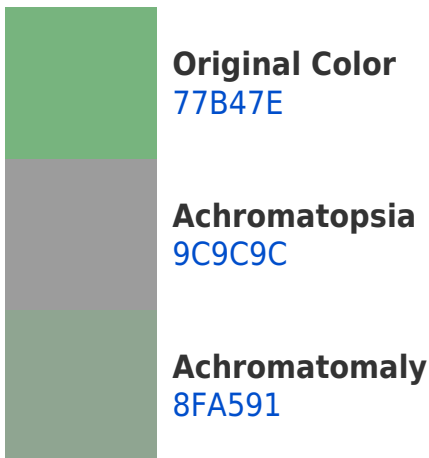


Tritanopia
83ACBA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 77B47E 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 #77B47E looks like.

```
.text, #text, p{  
    color:#77B47E  
}
```

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 #77B47E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77B47E
}
```

Border

The CSS property to change the border of an element to Hex 77B47E 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
#77B47E }
```

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

```
.border{ border-color:#77B47E }
```

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

Here you see how a box with a 4 pixel #77B47E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77B47E; -webkit-box-shadow:4px 4px  
4px 4px #77B47E; box-shadow:4px 4px 4px  
4px #77B47E }
```

Background

The CSS property to change the background color of an element to Hex 77B47E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77B47E }
```

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

```
.background{ background-color:#77B47E }
```

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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