

Converting Colors

Hex(77AA7A)

Have a look what the booklet for
Hex(77AA7A) contains.

Hex(77AA7A)	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(77AA7A)

Conversions

Conversions Part 1

Format	Color
Hex	77AA7A
RGB	119, 170, 122
RGB Percent	47%, 67%, 48%
CMY	0.5333, 0.3333, 0.5216
CMYK	0.30, 0.00, 0.28, 0.33
HSL	124°, 23%, 57%
HSV	124°, 30%, 67%
XYZ	25.4953, 34.0765, 23.6460
YIQ	149.2790, -14.9880, -25.7400

Conversions

Conversions Part 2

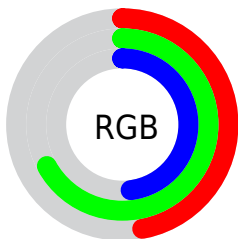
Format	Color
RYB	119, 167, 170
Decimal	7842426
CIELab	65.02, -26.78, 19.48
CIELCh	65, 33.113, 143.966
Yxy	34.0765, 0.3064, 0.4095
Android (android.graphics.Color)	4286032506 (0xFF77AA7A)
YUV	149.2790, -13.4485, -26.5547
Hunter-Lab	58.3751, -24.1966, 16.8459

Details

The Hex color **77AA7A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AA77A7**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **ACE2AF**, and **447549** is the 20% darker color. If you saturate the color by 10%, you get **66AA6A**, and if you desaturate by 10%, it is **88AA8A**.

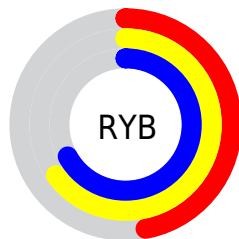
Distribution



Red (47%)

Green (67%)

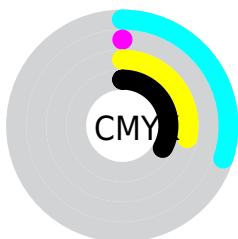
Blue (48%)



Red (47%)

Yellow (65%)

Blue (67%)

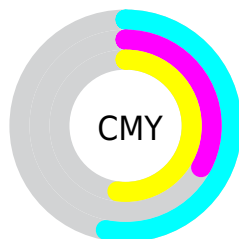


Cyan (30%)

Magenta (0%)

Yellow (28%)

Black (33%)



Cyan (53%)

Magenta (33%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77AA7A 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 77AA7A by changing the saturation by 10% instead.

 77AA7A

 77AA7A

FFFFFF

 5D8F61

 ACE2AF

 447549

 C8FECA

 2C5D32

 E5FFE6

 12451C

 002E04

 001A00

 000000

 77AA7A

 77AA7A

 66AA6A

 88AA8A

 55AA5A

 99AA9A

 44AA4A

 AAAAAA

 33AA3A

 BBAABA

 22AA2A

 CCAACA

 11AA1A

 DDAADA

 00AA0A

 EEAAEA

 FFAAFA

 FFAAFF

Harmonies

Analogous

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



99A367



77AA7A



52AD97

Triad

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



77AA7A



6BA2D8



D88887

Complementary

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



77AA7A



AA77A7

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.



D388A5



77AA7A



9998D4

Square

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



77AA7A



3DAACD



BE8EC1



CD906F

Rectangle

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



77AA7A



3BAEAB



BE8EC1



D88791

Sweetspot

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



77AA7A



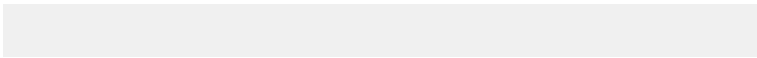
CADECB



A7AA77



647065



F0F0F0



707070

Same Dimension

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



77AA7A



8EDE93



77AA93



4C544C



009409



001401

Inverse Universe

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



AA77A7



DE8ED9



AA778E



544C54



94008B



140013

Previews

White Background



This preview shows how the Hex color 77AA7A looks on a white background.

Color Contrast Check

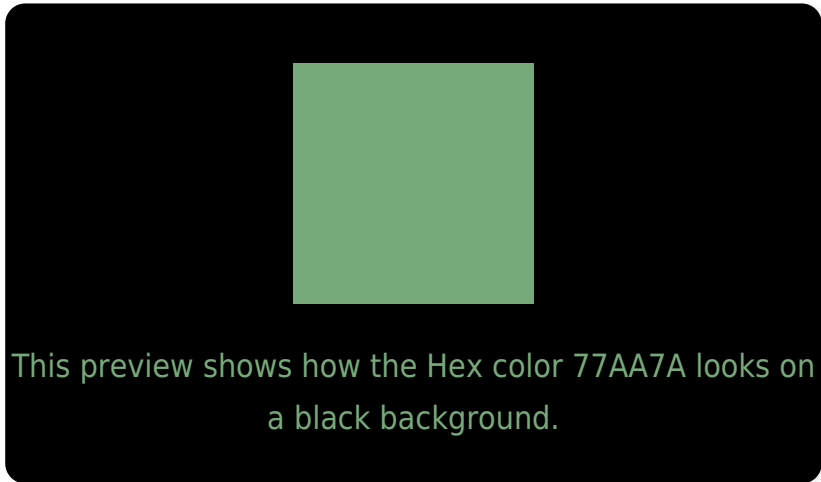
Large Text (above 18pt) WCAG AA × Fail

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

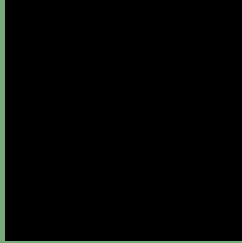
Any Text WCAG AA ✓ Pass

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 77AA7A Background



This preview shows how black text looks on a background with the Hex color 77AA7A.

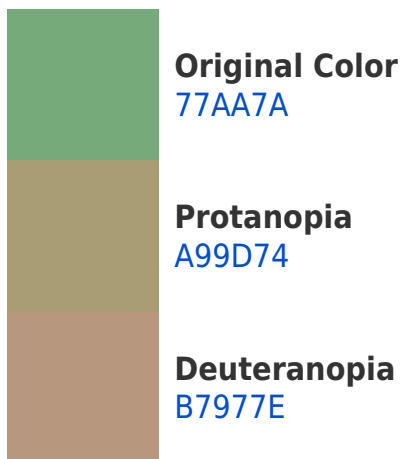


This preview shows how white text looks on a background with the Hex color 77AA7A.

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](#).

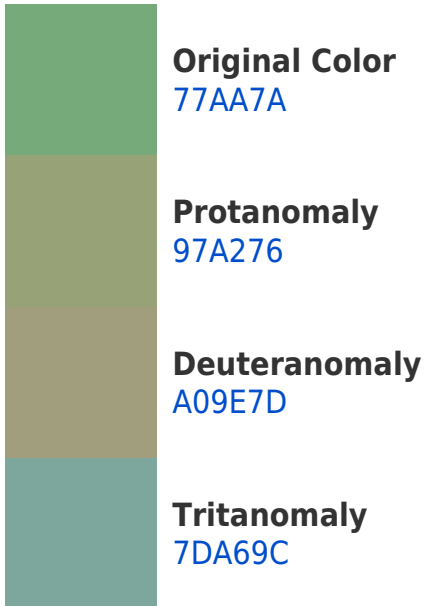
Dichromacy





Tritanopia
81A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 77AA7A 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 #77AA7A looks like.

```
.text, #text, p{  
    color:#77AA7A  
}
```

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 #77AA7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77AA7A
}
```

Border

The CSS property to change the border of an element to Hex 77AA7A 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
#77AA7A }
```

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

```
.border{ border-color:#77AA7A }
```

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

Here you see how a box with a 4 pixel #77AA7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77AA7A; -webkit-box-shadow:4px 4px  
4px 4px #77AA7A; box-shadow:4px 4px 4px  
4px #77AA7A }
```

Background

The CSS property to change the background color of an element to Hex 77AA7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77AA7A }
```

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

```
.background{ background-color:#77AA7A }
```

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