

Converting Colors

Hex(78AD7A)

Have a look what the booklet for
Hex(78AD7A) contains.

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Color

Hex(78AD7A)

Conversions

Conversions Part 1

Format	Color
Hex	78AD7A
RGB	120, 173, 122
RGB Percent	47%, 68%, 48%
CMY	0.5294, 0.3216, 0.5216
CMYK	0.31, 0.00, 0.29, 0.32
HSL	122°, 24%, 57%
HSV	122°, 31%, 68%
XYZ	26.2022, 35.2854, 23.8421
YIQ	151.3390, -15.2170, -27.0970

Conversions

Conversions Part 2

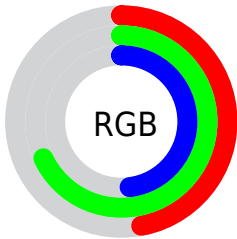
Format	Color
RYB	120, 171, 173
Decimal	7908730
CIELab	65.97, -27.91, 20.78
CIELCh	66, 34.793, 143.326
Yxy	35.2854, 0.3071, 0.4135
Android (android.graphics.Color)	4286098810 (0xFF78AD7A)
YUV	151.3390, -14.4641, -27.4843
Hunter-Lab	59.4015, -25.2157, 17.7837

Details

The Hex color **78AD7A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AD78AB**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **AEE5AF**, and **457849** is the 20% darker color. If you saturate the color by 10%, you get **67AD69**, and if you desaturate by 10%, it is **89AD8B**.

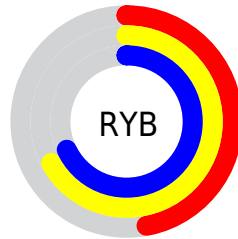
Distribution



Red (47%)

Green (68%)

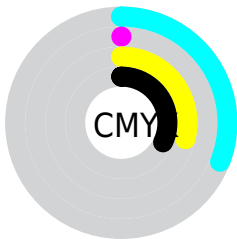
Blue (48%)



Red (47%)

Yellow (67%)

Blue (68%)

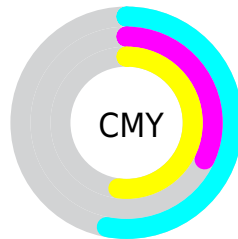


Cyan (31%)

Magenta (0%)

Yellow (29%)

Black (32%)



Cyan (53%)

Magenta (32%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78AD7A 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 78AD7A by changing the saturation by 10% instead.

 78AD7A

 78AD7A

FFFFFF

 5E9261

 AEE5AF

 457849

 CAFFCA

 2C5F32

 E6FFE6

 12471C

 003004

 001D00

 000000

 78AD7A

 78AD7A

 67AD69

 89AD8B

 55AD59

 9BAD9B

 44AD48

 ACADAC

 33AD37

 BDADBD

 21AD27

 CEADCD

 10AD16

 E0ADDE

 00AD07

 F1ADEF

 FFADFF

Harmonies

Analogous

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



9CA666



78AD7A



50B198

Triad

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



78AD7A



68A5DE



DD8A89

Complementary

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



78AD7A



AD78AB

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.



D889A9



78AD7A



9A9BD9

Square

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



78AD7A



34ADD1



C190C6



D3916F

Rectangle

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



78AD7A



34B1AE



C190C6



DE8893

Sweetspot

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



78AD7A



CCE0CD



ABAD78



647064



F0F0F0



707070

Same Dimension

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



78AD7A



8DE091



78AD94



4E574E



009606



001701

Inverse Universe

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



AD78AB



E08DDD



AD7891



574E56



960091



170016

Previews

White Background



This preview shows how the Hex color 78AD7A looks on a white background.

Color Contrast Check

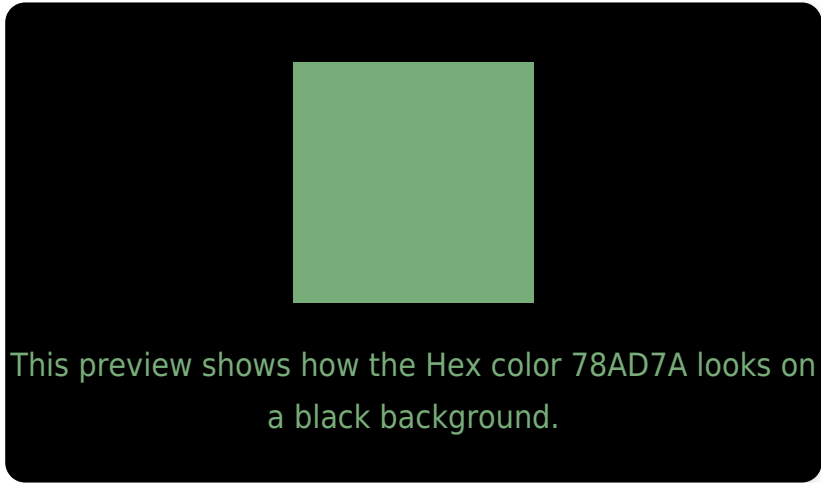
Large Text (above 18pt) WCAG AA × Fail

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

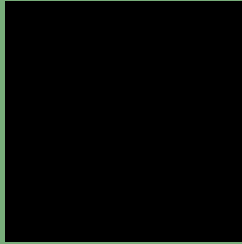
Any Text WCAG AA ✓ Pass

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 78AD7A Background



This preview shows how black text looks on a background with the Hex color 78AD7A.

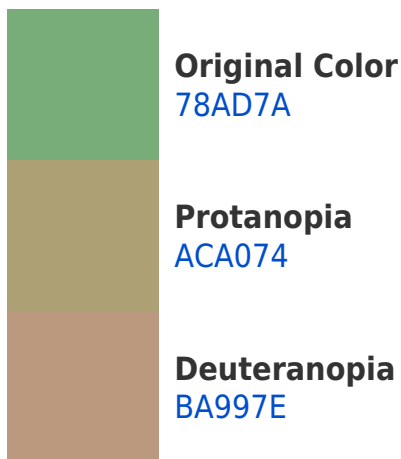


This preview shows how white text looks on a background with the Hex color 78AD7A.

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](#).

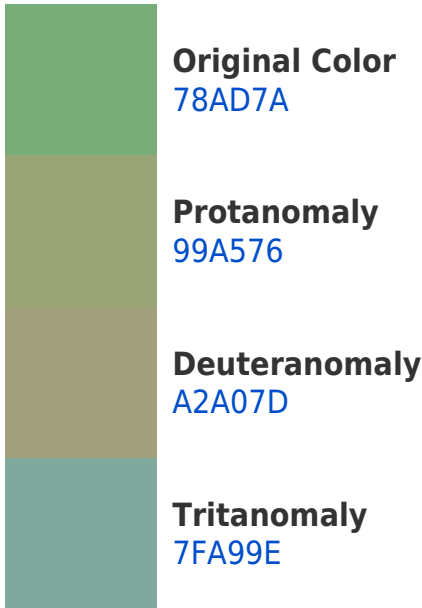
Dichromacy



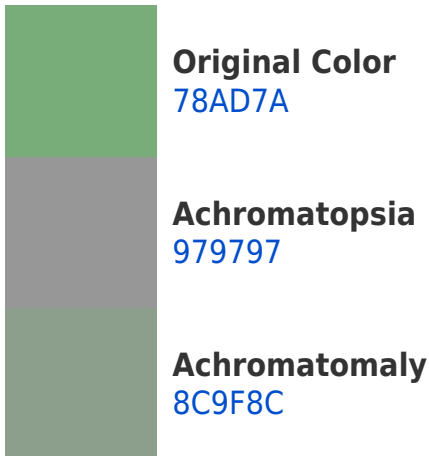


Tritanopia
83A6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 78AD7A 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 #78AD7A looks like.

```
.text, #text, p{  
    color:#78AD7A  
}
```

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 #78AD7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78AD7A
}
```

Border

The CSS property to change the border of an element to Hex 78AD7A 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
#78AD7A }
```

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

```
.border{ border-color:#78AD7A }
```

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

Here you see how a box with a 4 pixel #78AD7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78AD7A; -webkit-box-shadow:4px 4px  
4px 4px #78AD7A; box-shadow:4px 4px 4px  
4px #78AD7A }
```

Background

The CSS property to change the background color of an element to Hex 78AD7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78AD7A }
```

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

```
.background{ background-color:#78AD7A }
```

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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