

# Converting Colors

Hex(78AA7C)

Have a look what the booklet for  
Hex(78AA7C) contains.

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# **Color**

**Hex(78AA7C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	78AA7C
RGB	120, 170, 124
RGB Percent	47%, 67%, 49%
CMY	0.5294, 0.3333, 0.5137
CMYK	0.29, 0.00, 0.27, 0.33
HSL	125°, 23%, 57%
HSV	125°, 29%, 67%
XYZ	25.7585, 34.1978, 24.3120
YIQ	149.8060, -15.0340, -24.9060

# Conversions

## Conversions Part 2

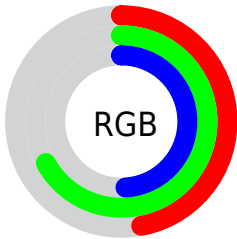
<b>Format</b>	<b>Color</b>
<b>RYB</b>	120, 166, 170
Decimal	7907964
CIELab	65.12, -26.08, 18.53
CIELCh	65, 31.995, 144.616
Yxy	34.1978, 0.3057, 0.4058
Android (android.graphics.Color)	4286098044 (0xFF78AA7C)
YUV	149.8060, -12.7224, -26.1399
Hunter-Lab	58.4788, -23.7130, 16.2860

# Details

The Hex color **78AA7C** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AA78A6**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **ADE2B1**, and **45764B** is the 20% darker color. If you saturate the color by 10%, you get **67AA6C**, and if you desaturate by 10%, it is **89AA8C**.

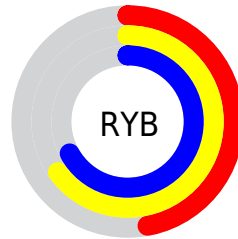
# Distribution



Red (47%)

Green (67%)

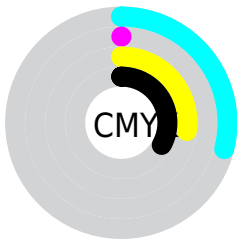
Blue (49%)



Red (47%)

Yellow (65%)

Blue (67%)

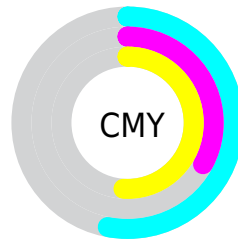


Cyan (29%)

Magenta (0%)

Yellow (27%)

Black (33%)



Cyan (53%)

Magenta (33%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 78AA7C 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 78AA7C by changing the saturation by 10% instead.





78AA7C



78AA7C

FFFFFF



5E8F63



ADE2B1



45764B



C9FECC



2D5D34



E6FFE8



14451E



002E07



001A00



000000



78AA7C



78AA7C



67AA6C



89AA8C

■ 56AA5D

■ 9AAA9B

■ 45AA4D

■ ABAAAB

■ 34AA3D

■ BCAABB

■ 23AA2E

■ CDAACA

■ 12AA1E

■ DEAADA

■ 01AA0F

■ EFAAE9

■ 00AA0E

■ FFAAF9

■ FFAAFF

# Harmonies

## Analogous

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



99A469



78AA7C



55AD98

# Triad

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



78AA7C



6EA2D7



D68A88

# Complementary

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



78AA7C



AA78A6

# 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.



D289A4



78AA7C



9B99D2

# Square

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



78AA7C



45AACC



BD8FC0



CC9170

# Rectangle

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



78AA7C



41AEAB



BD8FC0



D78991



# Sweetspot

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



78AA7C



CADECB



A7AA78



647065



F0F0F0



707070



# Same Dimension

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



78AA7C



90DE96



78AA94



4C544C



00940C



001402



# Inverse Universe

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



AA78A6



DE90D8



AA788E



544C53



940088



140013



# Previews

## White Background



This preview shows how the Hex color 78AA7C looks on a white background.

## Color Contrast Check

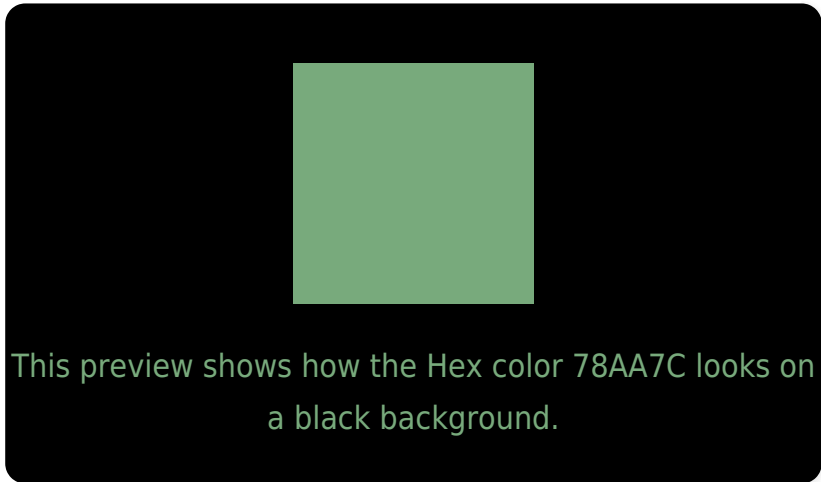
Large Text (above 18pt) WCAG AA × Fail

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

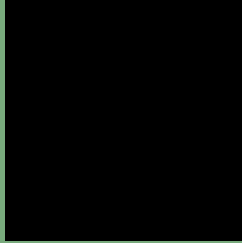
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 78AA7C Background



This preview shows how black text looks on a background with the Hex color 78AA7C.

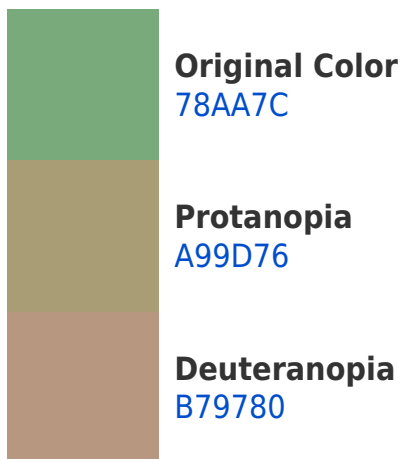


This preview shows how white text looks on a background with the Hex color 78AA7C.

# 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](#).

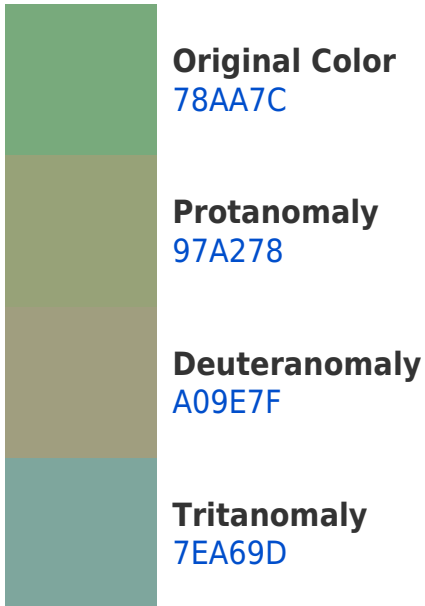
## Dichromacy





**Tritanopia**  
82A3B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 78AA7C 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 #78AA7C looks like.

```
.text, #text, p{  
    color:#78AA7C  
}
```

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 #78AA7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78AA7C
}
```

## Border

The CSS property to change the border of an element to Hex 78AA7C 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
#78AA7C }
```

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

```
.border{ border-color:#78AA7C }
```

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

Here you see how a box with a 4 pixel #78AA7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78AA7C; -webkit-box-shadow:4px 4px  
4px 4px #78AA7C; box-shadow:4px 4px 4px  
4px #78AA7C }
```

# Background

The CSS property to change the background color of an element to Hex 78AA7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78AA7C }
```

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

```
.background{ background-color:#78AA7C }
```

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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