

# Converting Colors

Hex(78A87E)

Have a look what the booklet for  
Hex(78A87E) contains.

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# **Color**

**Hex(78A87E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	78A87E
RGB	120, 168, 126
RGB Percent	47%, 66%, 49%
CMY	0.5294, 0.3412, 0.5059
CMYK	0.29, 0.00, 0.25, 0.34
HSL	128°, 22%, 56%
HSV	128°, 29%, 66%
XYZ	25.5143, 33.5047, 24.8610
YIQ	148.8600, -15.1260, -23.2380

# Conversions

## Conversions Part 2

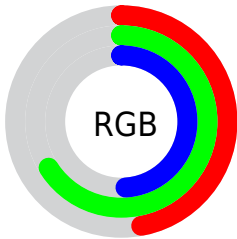
<b>Format</b>	<b>Color</b>
<b>RYB</b>	120, 163, 168
Decimal	7907454
CIELab	64.57, -24.73, 16.67
CIELCh	65, 29.825, 146.022
Yxy	33.5047, 0.3042, 0.3994
Android (android.graphics.Color)	4286097534 (0xFF78A87E)
YUV	148.8600, -11.2700, -25.3102
Hunter-Lab	57.8832, -22.6149, 15.0531

# Details

The Hex color **78A87E** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A878A2**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **ADDFB3**, and **46744D** is the 20% darker color. If you saturate the color by 10%, you get **67A86F**, and if you desaturate by 10%, it is **89A88D**.

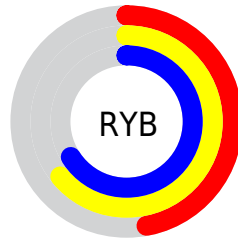
# Distribution



Red (47%)

Green (66%)

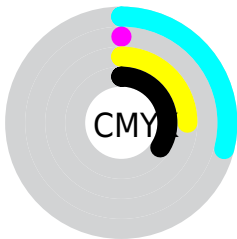
Blue (49%)



Red (47%)

Yellow (64%)

Blue (66%)

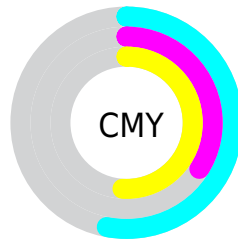


Cyan (29%)

Magenta (0%)

Yellow (25%)

Black (34%)



Cyan (53%)

Magenta (34%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 78A87E 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 78A87E by changing the saturation by 10% instead.





78A87E



78A87E

FFFFFF



5E8D65



ADDFB3



46744D



C9FCCE



2D5B36



E5FFEB



154320



002C0A



001900



000000



78A87E



78A87E



67A86F



89A88D

 56A861

 9AA89B

 46A852

 AAA8AA

 35A843

 BBA8B9

 24A834

 CCA8C7

 13A826

 DDA8D6

 02A817

 EEA8E5

 00A815

 FEA8F4

 FFA8FF

# Harmonies

## Analogous

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



97A26C



78A87E



59AB98

# Triad

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



78A87E



73A0D1



D18A87

# Complementary

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



78A87E



A878A2

# 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.



CE89A1



78A87E



9B97CC

# Square

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



78A87E



4FA7C8



BB8EBB



C79171

# Rectangle

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



78A87E



48ABAA



BB8EBB



D2898F



# Sweetspot

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



78A87E



C8DBCA



A2A878



626E63



EDEDED



6E6E6E



# Same Dimension

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



78A87E



91DB9A



78A896



4C544D



009412



001403



# Inverse Universe

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



A878A2



DB91D2



A8788A



544C53



940081



140012



# Previews

## White Background



This preview shows how the Hex color 78A87E looks on a white background.

## Color Contrast Check

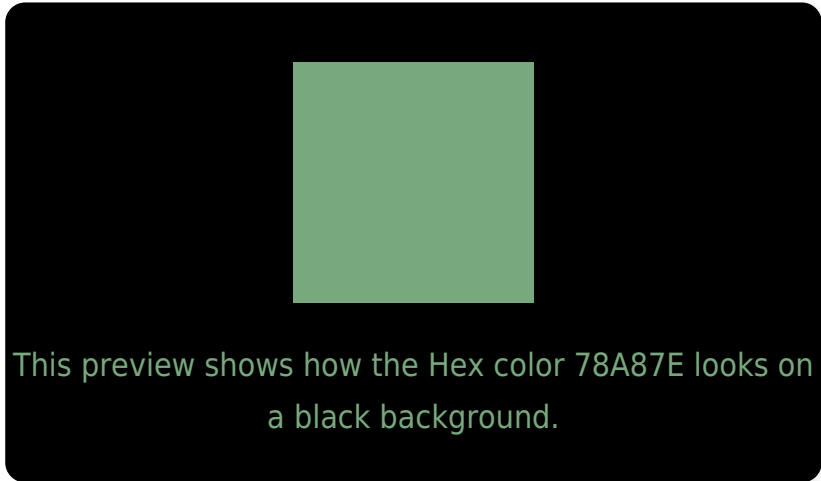
Large Text (above 18pt) WCAG AA × Fail

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

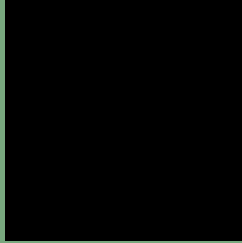
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 78A87E Background



This preview shows how black text looks on a background with the Hex color 78A87E.



This preview shows how white text looks on a background with the Hex color 78A87E.

# 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](#).

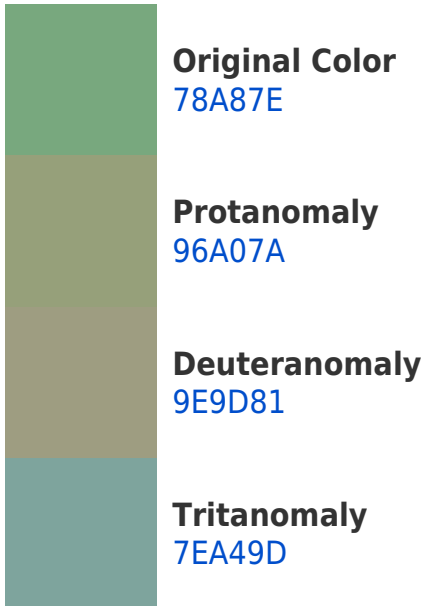
## Dichromacy



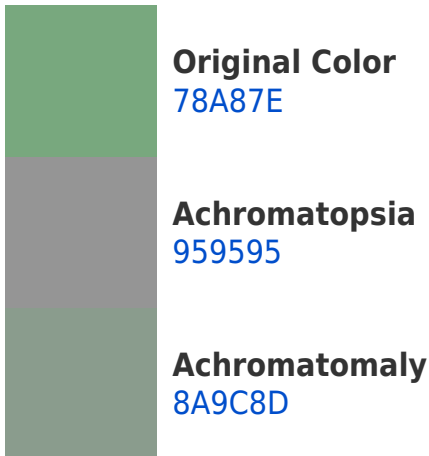


**Tritanopia**  
81A2AF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 78A87E 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 #78A87E looks like.

```
.text, #text, p{  
    color:#78A87E  
}
```

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 #78A87E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78A87E
}
```

## Border

The CSS property to change the border of an element to Hex 78A87E 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
#78A87E }
```

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

```
.border{ border-color:#78A87E }
```

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

Here you see how a box with a 4 pixel #78A87E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78A87E; -webkit-box-shadow:4px 4px  
4px 4px #78A87E; box-shadow:4px 4px 4px  
4px #78A87E }
```

# Background

The CSS property to change the background color of an element to Hex 78A87E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78A87E }
```

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

```
.background{ background-color:#78A87E }
```

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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