

Converting Colors

Hex(78A883)

Have a look what the booklet for
Hex(78A883) contains.

Hex(78A883)	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(78A883)

Conversions

Conversions Part 1

Format	Color
Hex	78A883
RGB	120, 168, 131
RGB Percent	47%, 66%, 51%
CMY	0.5294, 0.3412, 0.4863
CMYK	0.29, 0.00, 0.22, 0.34
HSL	134°, 22%, 56%
HSV	134°, 29%, 66%
XYZ	25.8451, 33.6370, 26.6031
YIQ	149.4300, -16.7310, -21.6830

Conversions

Conversions Part 2

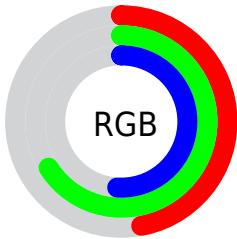
Format	Color
RYB	120, 159, 168
Decimal	7907459
CIELab	64.67, -23.80, 14.06
CIELCh	65, 27.644, 149.428
Yxy	33.6370, 0.3002, 0.3907
Android (android.graphics.Color)	4286097539 (0xFF78A883)
YUV	149.4300, -9.0860, -25.8101
Hunter-Lab	57.9974, -21.9515, 13.4022

Details

The Hex color **78A883** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A8789D**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **ADDFB8**, and **467451** is the 20% darker color. If you saturate the color by 10%, you get **67A876**, and if you desaturate by 10%, it is **89A890**.

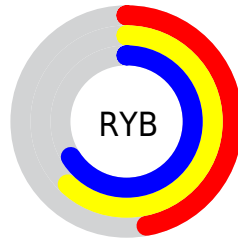
Distribution



Red (47%)

Green (66%)

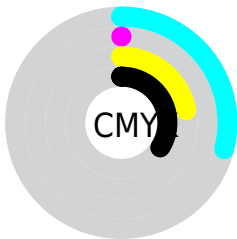
Blue (51%)



Red (47%)

Yellow (62%)

Blue (66%)

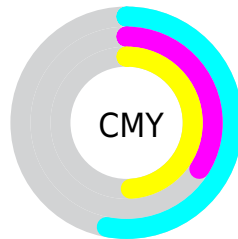


Cyan (29%)

Magenta (0%)

Yellow (22%)

Black (34%)



Cyan (53%)

Magenta (34%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78A883 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 78A883 by changing the saturation by 10% instead.



78A883



78A883

FFFFFF



5E8D6A



ADDFB8



467451



C9FCD4



2D5B3A



E5FFF0



154324



002C10



001900



000000



78A883



78A883



67A876



89A890

 56A869

 9AA89D

 46A85C

 AAA8AA

 35A84F

 BBA8B7

 24A842

 CCA8C4

 13A835

 DDA8D1

 02A828

 EEA8DE

 00A827

 FEA8EB

 FFA8F8

Harmonies

Analogous

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



95A371



78A883



5DAA9B

Triad

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



78A883



7C9FCE



CE8C86

Complementary

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



78A883



A8789D

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.



CC8B9E



78A883



A097C8

Square

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



78A883



5BA6C7



BC8FB6



C39373

Rectangle

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



78A883



51AAAC



BC8FB6



CF8B8E

Sweetspot

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



78A883



C8DBCC



9EA878



626E64



EDEDED



6E6E6E

Same Dimension

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



78A883



91DBA2



78A89A



4C544E



009422



001405

Inverse Universe

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



A8789D



DB91CA



A87886



544C52



940072



140010

Previews

White Background



This preview shows how the Hex color 78A883 looks on a white background.

Color Contrast Check

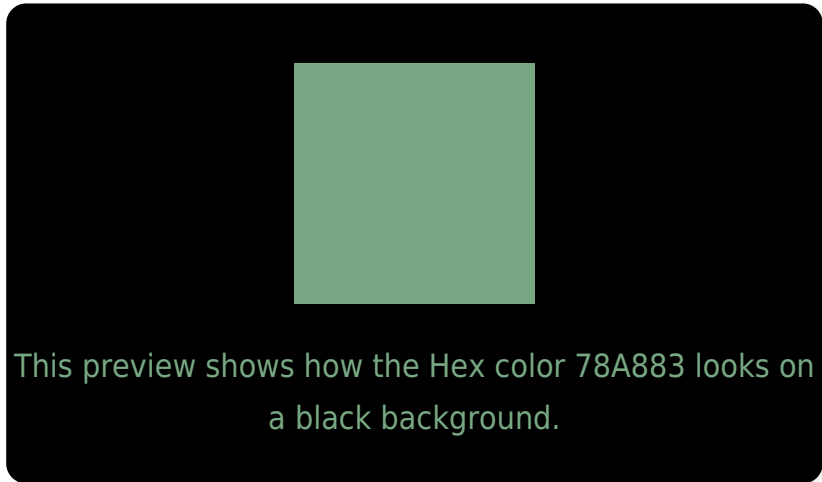
Large Text (above 18pt) WCAG AA × Fail

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

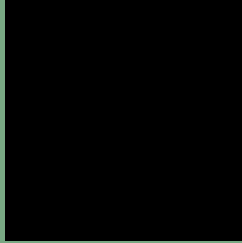
Any Text WCAG AA ✓ Pass

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 78A883 Background



This preview shows how black text looks on a background with the Hex color 78A883.



This preview shows how white text looks on a background with the Hex color 78A883.

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](#).

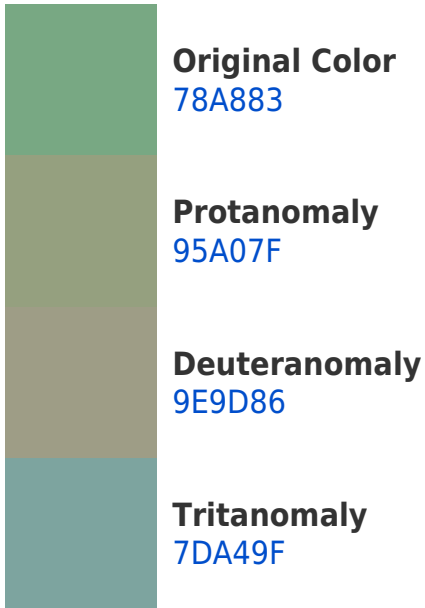
Dichromacy



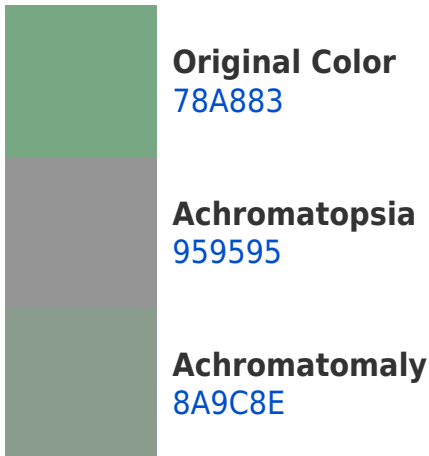


Tritanopia
80A2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 78A883 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 #78A883 looks like.

```
.text, #text, p{  
    color:#78A883  
}
```

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 #78A883 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78A883  
}
```

Border

The CSS property to change the border of an element to Hex 78A883 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  
#78A883 }
```

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

```
.border{ border-color:#78A883 }
```

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

Here you see how a box with a 4 pixel #78A883 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78A883; -webkit-box-shadow:4px 4px  
4px 4px #78A883; box-shadow:4px 4px 4px  
4px #78A883 }
```

Background

The CSS property to change the background color of an element to Hex 78A883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78A883 }
```

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

```
.background{ background-color:#78A883 }
```

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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