

Converting Colors

Hex(78A986)

Have a look what the booklet for
Hex(78A986) contains.

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Color

Hex(78A986)

Conversions

Conversions Part 1

Format	Color
Hex	78A986
RGB	120, 169, 134
RGB Percent	47%, 66%, 53%
CMY	0.5294, 0.3373, 0.4745
CMYK	0.29, 0.00, 0.21, 0.34
HSL	137°, 22%, 57%
HSV	137°, 29%, 66%
XYZ	26.2368, 34.0902, 27.7515
YIQ	150.3590, -17.9690, -21.2730

Conversions

Conversions Part 2

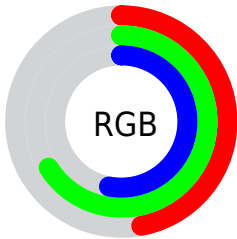
Format	Color
RYB	120, 158, 169
Decimal	7907718
CIELab	65.03, -23.73, 12.91
CIElCh	65, 27.012, 151.453
Yxy	34.0902, 0.2979, 0.3870
Android (android.graphics.Color)	4286097798 (0xFF78A986)
YUV	150.3590, -8.0650, -26.6248
Hunter-Lab	58.3868, -21.9660, 12.6900

Details

The Hex color **78A986** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A9789B**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **ADE0BB**, and **467554** is the 20% darker color. If you saturate the color by 10%, you get **67A97A**, and if you desaturate by 10%, it is **89A992**.

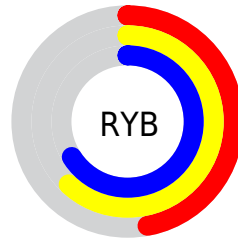
Distribution



Red (47%)

Green (66%)

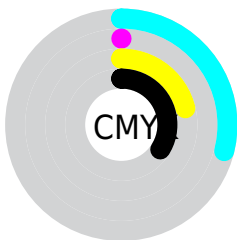
Blue (53%)



Red (47%)

Yellow (62%)

Blue (66%)

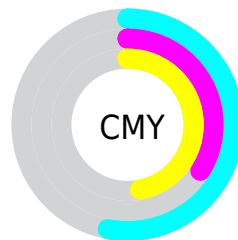


Cyan (29%)

Magenta (0%)

Yellow (21%)

Black (34%)



Cyan (53%)

Magenta (34%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78A986 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 78A986 by changing the saturation by 10% instead.



78A986



78A986

FFFFFF



5E8E6D



ADE0BB



467554



C9FDD7



2D5C3D



E6FFF3



154427



002D12



001A00



000000



78A986



78A986



67A97A



89A992

 56A96E

 9AA99E

 45A962

 ABA9AA

 34A956

 BCA9B6

 23A94A

 CCA9C2

 13A93E

 DDA9CE

 02A932

 EEA9DA

 00A930

 FFA9E7

 FFA9F3

Harmonies

Analogous

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



94A474



78A986



5EAB9E

Triad

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



78A986



81A0CE



CD8E86

Complementary

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



78A986



A9789B

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.



CC8C9E



78A986



A397C7

Square

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



78A986



60A6C8



BE90B5



C29474

Rectangle

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



78A986



54ABAF



BE90B5



CF8D8D

Sweetspot

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



78A986



C8DBCD



9BA978



626E65



EDEDED



6E6E6E

Same Dimension

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



78A986



8FDBA4



78A99E



4C544E



00942A



001406

Inverse Universe

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



A9789B



DB8FC5



A97883



544C52



94006A



14000F

Previews

White Background



This preview shows how the Hex color 78A986 looks on a white background.

Color Contrast Check

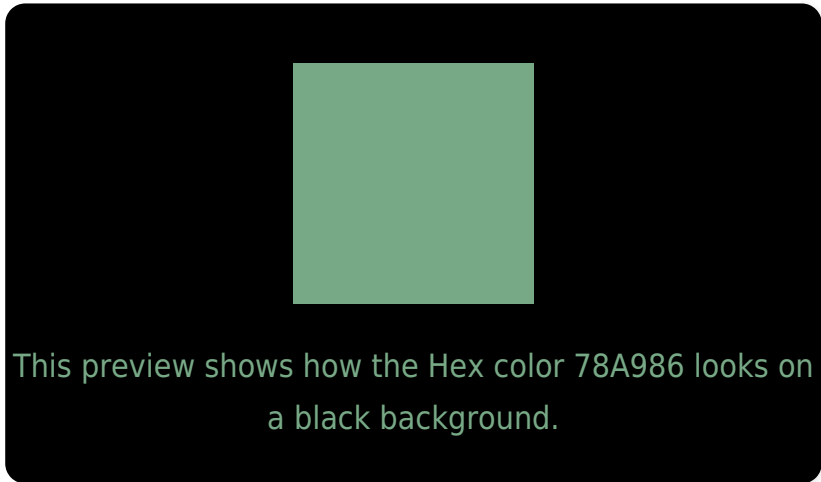
Large Text (above 18pt) WCAG AA × Fail

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

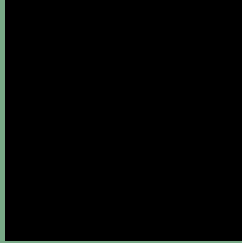
Any Text WCAG AA ✓ Pass

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 78A986 Background



This preview shows how black text looks on a background with the Hex color 78A986.

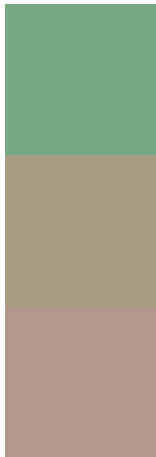


This preview shows how white text looks on a background with the Hex color 78A986.

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



Original Color
78A986

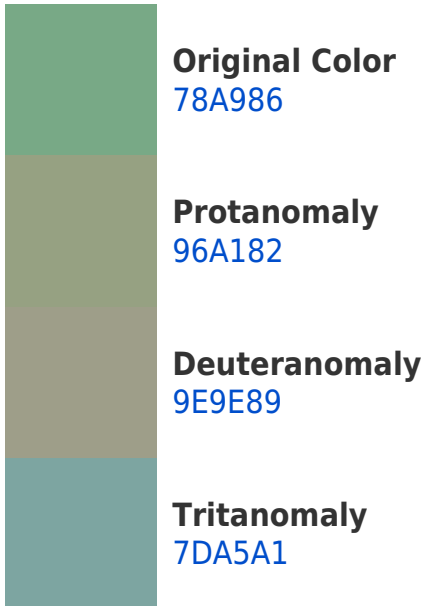
Protanopia
A79D80

Deuteranopia
B3978A



Tritanopia
80A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 78A986 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 #78A986 looks like.

```
.text, #text, p{  
    color:#78A986  
}
```

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 #78A986 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78A986
}
```

Border

The CSS property to change the border of an element to Hex 78A986 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
#78A986 }
```

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

```
.border{ border-color:#78A986 }
```

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

Here you see how a box with a 4 pixel #78A986 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78A986; -webkit-box-shadow:4px 4px  
4px 4px #78A986; box-shadow:4px 4px 4px  
4px #78A986 }
```

Background

The CSS property to change the background color of an element to Hex 78A986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78A986 }
```

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

```
.background{ background-color:#78A986 }
```

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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