

Converting Colors

Hex(77A980)

Have a look what the booklet for
Hex(77A980) contains.

Hex(77A980)	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(77A980)

Conversions

Conversions Part 1

Format	Color
Hex	77A980
RGB	119, 169, 128
RGB Percent	47%, 66%, 50%
CMY	0.5333, 0.3373, 0.4980
CMYK	0.30, 0.00, 0.24, 0.34
HSL	131°, 23%, 56%
HSV	131°, 30%, 66%
XYZ	25.6920, 33.8564, 25.6029
YIQ	149.3760, -16.6390, -23.3510

Conversions

Conversions Part 2

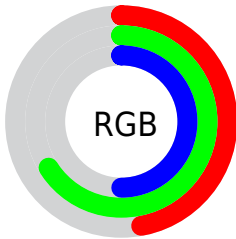
Format	Color
RYB	119, 161, 169
Decimal	7842176
CIELab	64.85, -25.20, 15.95
CIELCh	65, 29.820, 147.667
Yxy	33.8564, 0.3017, 0.3976
Android (android.graphics.Color)	4286032256 (0xFF77A980)
YUV	149.3760, -10.5384, -26.6398
Hunter-Lab	58.1862, -23.0097, 14.6418

Details

The Hex color **77A980** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A977A0**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **ACE0B5**, and **45754F** is the 20% darker color. If you saturate the color by 10%, you get **66A972**, and if you desaturate by 10%, it is **88A98E**.

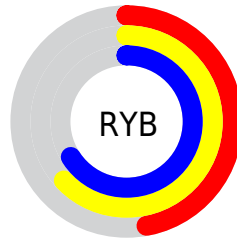
Distribution



Red (47%)

Green (66%)

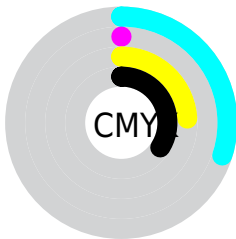
Blue (50%)



Red (47%)

Yellow (63%)

Blue (66%)

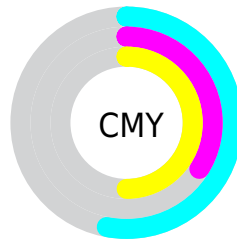


Cyan (30%)

Magenta (0%)

Yellow (24%)

Black (34%)



Cyan (53%)

Magenta (34%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77A980 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 77A980 by changing the saturation by 10% instead.

■ 77A980

■ 77A980

FFFFFF

■ 5D8E67

■ ACE0B5

■ 45754F

■ C8FDD1

■ 2C5C38

■ E5FFED

■ 134422

■ 002D0C

■ 001A00

■ 000000

■ 77A980

■ 77A980

■ 66A972

■ 88A98E

 55A964

 99A99C

 44A956

 AAA9AA

 33A949

 BBA9B7

 23A93B

 CBA9C5

 12A92D

 DCA9D3

 01A91F

 EDA9E1

 00A91E

 FEA9EF

 FFA9FD

Harmonies

Analogous

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



96A36D



77A980



58AC9A

Triad

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



77A980



77A0D2



D28B86

Complementary

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



77A980



A977A0

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.



CF89A0



77A980



9E97CC

Square

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



77A980



51A8CA



BD8EBA



C79271

Rectangle

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



77A980



48ACAD



BD8EBA



D38A8E

Sweetspot

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



77A980



C8DBC8



A1A977



626E64



EDEDED



6E6E6E

Same Dimension

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



77A980



8CDB9B



77A998



4C544D



00941B



001404

Inverse Universe

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



A977A0



DB8CCD



A97788



544C53



940079



140011

Previews

White Background



This preview shows how the Hex color 77A980 looks on a white background.

Color Contrast Check

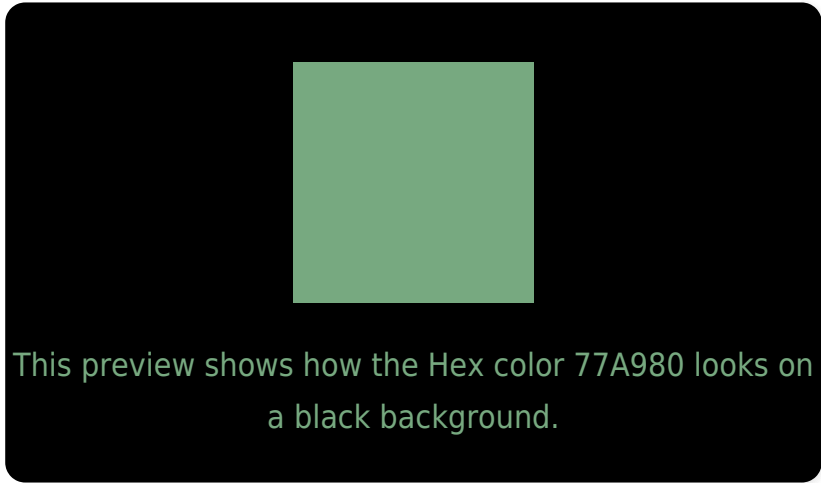
Large Text (above 18pt) WCAG AA × Fail

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

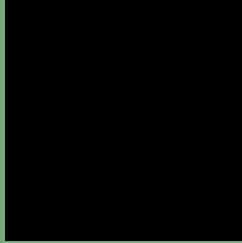
Any Text WCAG AA ✓ Pass

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 77A980 Background



This preview shows how black text looks on a background with the Hex color 77A980.



This preview shows how white text looks on a background with the Hex color 77A980.

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](#).

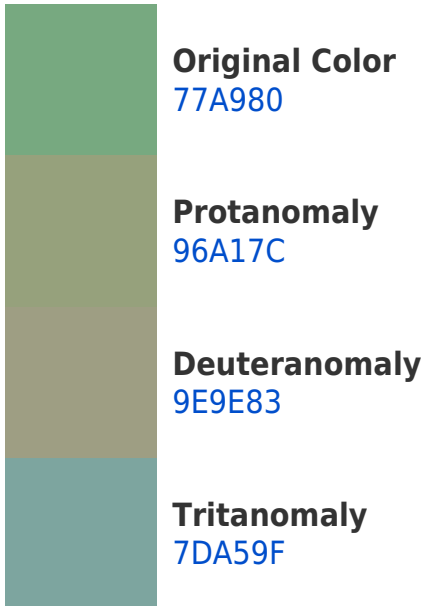
Dichromacy



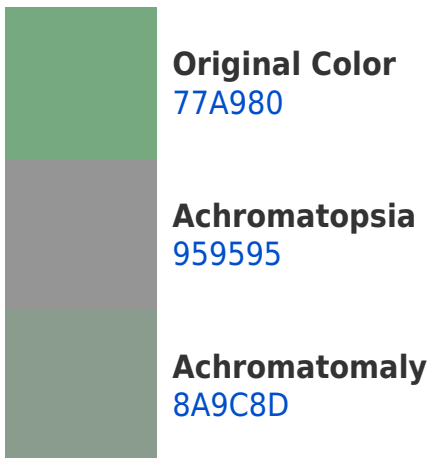


Tritanopia
80A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 77A980 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 #77A980 looks like.

```
.text, #text, p{  
    color:#77A980  
}
```

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 #77A980 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77A980
}
```

Border

The CSS property to change the border of an element to Hex 77A980 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
#77A980 }
```

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

```
.border{ border-color:#77A980 }
```

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

Here you see how a box with a 4 pixel #77A980 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77A980; -webkit-box-shadow:4px 4px  
4px 4px #77A980; box-shadow:4px 4px 4px  
4px #77A980 }
```

Background

The CSS property to change the background color of an element to Hex 77A980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77A980 }
```

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

```
.background{ background-color:#77A980 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor