

# Converting Colors

Hex(78977A)

Have a look what the booklet for  
Hex(78977A) contains.

<b>Hex(78977A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(78977A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	78977A
RGB	120, 151, 122
RGB Percent	47%, 59%, 48%
CMY	0.5294, 0.4078, 0.5216
CMYK	0.21, 0.00, 0.19, 0.41
HSL	124°, 13%, 53%
HSV	124°, 21%, 59%
XYZ	22.3252, 27.5314, 22.5498
YIQ	138.4250, -9.1670, -15.5910

# Conversions

## Conversions Part 2

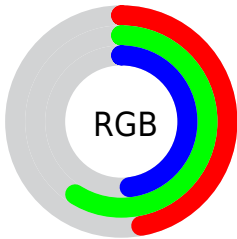
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	120, 149, 151
Decimal	7903098
CIE <sub>Lab</sub>	59.46, -16.77, 11.78
CIE <sub>LCh</sub>	59, 20.495, 144.917
Yxy	27.5314, 0.3083, 0.3802
Android (android.graphics.Color)	4286093178 (0xFF78977A)
YUV	138.4250, -8.0975, -16.1587
Hunter-Lab	52.4704, -15.8747, 11.2487

# Details

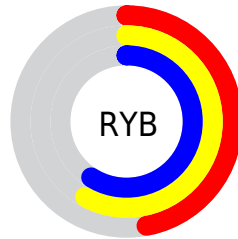
The Hex color **78977A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **977895**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **ADCDAE**, and **476449** is the 20% darker color. If you saturate the color by 10%, you get **69976C**, and if you desaturate by 10%, it is **879788**.

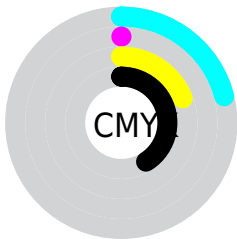
# Distribution



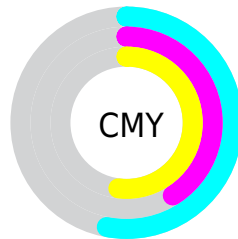
- Red (47%)
- Green (59%)
- Blue (48%)



- Red (47%)
- Yellow (58%)
- Blue (59%)



- Cyan (21%)
- Magenta (0%)
- Yellow (19%)
- Black (41%)



- Cyan (53%)
- Magenta (41%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 78977A 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 78977A by changing the saturation by 10% instead.





78977A



78977A

FFFFFF



5F7D61



ADCDAE



476449



C8EACA



304C33



E4FFE6



19351D



042005



000000



78977A



78977A



69976C



879788



5A975E



969796

 4B9750

 A597A4

 3C9741

 B497B3

 2D9733

 C497C1

 1D9725

 D397CF

 0E9717

 E297DD

 00970A

 F197EB

 FF97F9

# Harmonies

## Analogous

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



8D936E



78977A



66998B

# Triad

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



78977A



7592B3



B48381

# Complementary

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



78977A



977895

# 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.



B18293



78977A



8E8CB0

# Square

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



78977A



6297AC



A486A4



AE8772

# Rectangle

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



78977A



5E9998



A486A4



B48287



# Sweetspot

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



78977A



B9C4B9



959778



5C635D



E3E3E3



636363



# Same Dimension

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



78977A



93C496



789789



454D45



008C09



000D01



# Inverse Universe

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



977895



C493C1



977886



4D454C



8C0083



0D000C



# Previews

## White Background



This preview shows how the Hex color 78977A looks on a white background.

## Color Contrast Check

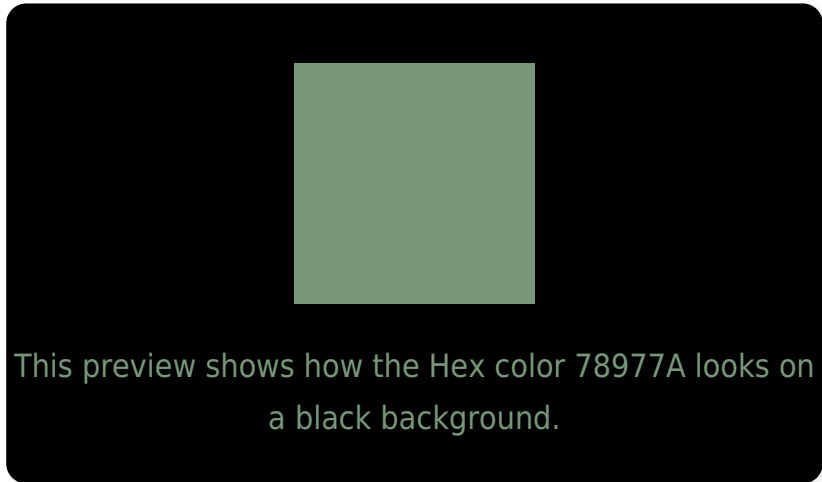
Large Text (above 18pt) WCAG AA ✓ Pass

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

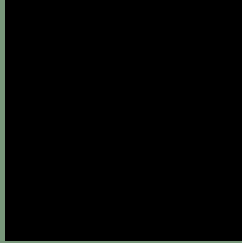
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 78977A Background



This preview shows how black text looks on a background with the Hex color 78977A.



This preview shows how white text looks on a background with the Hex color 78977A.

# 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**  
7E929E

# Trichromacy



**Original Color**  
78977A

**Protanomaly**  
8C9177

**Deuteranomaly**  
938F7C

**Tritanomaly**  
7C9491

# Monochromacy



**Original Color**  
78977A

**Achromatopsia**  
8A8A8A

**Achromatomaly**  
838F84

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 78977A 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 #78977A looks like.

```
.text, #text, p{  
    color:#78977A  
}
```

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 #78977A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78977A
}
```

## Border

The CSS property to change the border of an element to Hex 78977A 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
#78977A }
```

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

```
.border{ border-color:#78977A }
```

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

Here you see how a box with a 4 pixel #78977A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78977A; -webkit-box-shadow:4px 4px  
4px 4px #78977A; box-shadow:4px 4px 4px  
4px #78977A }
```

# Background

The CSS property to change the background color of an element to Hex 78977A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78977A }
```

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

```
.background{ background-color:#78977A }
```

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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