

# Converting Colors

Hex(77998C)

Have a look what the booklet for  
Hex(77998C) contains.

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# Color

Hex(77998C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	77998C
RGB	119, 153, 140
RGB Percent	47%, 60%, 55%
CMY	0.5333, 0.4000, 0.4510
CMYK	0.22, 0.00, 0.08, 0.40
HSL	157°, 14%, 53%
HSV	157°, 22%, 60%
XYZ	23.7326, 28.5979, 29.0800
YIQ	141.3520, -16.0910, -11.2510

# Conversions

## Conversions Part 2

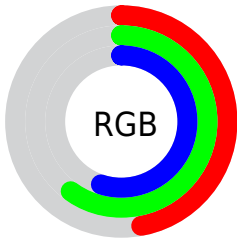
<b>Format</b>	<b>Color</b>
<b>RYB</b>	119, 140, 153
Decimal	7838092
CIELab	60.43, -14.57, 2.97
CIElCh	60, 14.867, 168.478
Yxy	28.5979, 0.2915, 0.3513
Android (android.graphics.Color)	4286028172 (0xFF77998C)
YUV	141.3520, -0.6665, -19.6027
Hunter-Lab	53.4770, -14.3679, 5.1928

# Details

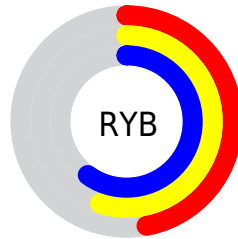
The Hex color `77998C` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `997784`, and the grayscale version is `8D8D8D`.

A 20% lighter version of the original color is `ACCFC2`, and `46665A` is the 20% darker color. If you saturate the color by 10%, you get `689986`, and if you desaturate by 10%, it is `869992`.

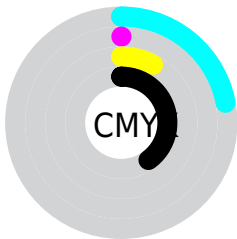
# Distribution



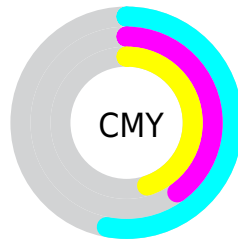
- Red (47%)
- Green (60%)
- Blue (55%)



- Red (47%)
- Yellow (55%)
- Blue (60%)



- Cyan (22%)
- Magenta (0%)
- Yellow (8%)
- Black (40%)



- Cyan (53%)
- Magenta (40%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 77998C 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 77998C by changing the saturation by 10% instead.





77998C



77998C

FFFFFF



5E7F73



ACCFC2



46665A



C7ECDD



2E4E43



E3FFFA



18372D



022118



000300



000000



77998C



77998C



689986



869992

■ 589980

■ 969998

■ 49997A

■ A5999E

■ 3A9975

■ B499A3

■ 2B996F

■ C499A9

■ 1B9969

■ D399AF

■ 0C9963

■ E299B5

■ 00995F

■ F199BB

■ FF99C1

# Harmonies

## Analogous

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



849780



77998C



6F9999

# Triad

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



77998C



8E90AA



AA8B7F

# Complementary

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



77998C



997784

# 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.



AD898A



77998C



9E8CA3

# Square

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



77998C



7D94AB



A98997



A18F78

# Rectangle

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



77998C



7098A1



A98997



AC8A82



# Sweetspot

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



77998C



B9C7C2



849977



5B6360



E3E3E3



636363



# Same Dimension

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



77998C



91C7B2



779599



454D4A



008C57



000D08



# Inverse Universe

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



997784



C791A6



997B77



4D4548



8C0036

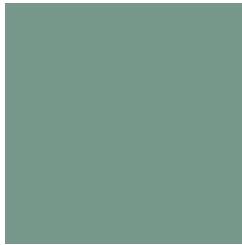


0D0005



# Previews

## White Background



This preview shows how the Hex color 77998C looks on a white background.

## Color Contrast Check

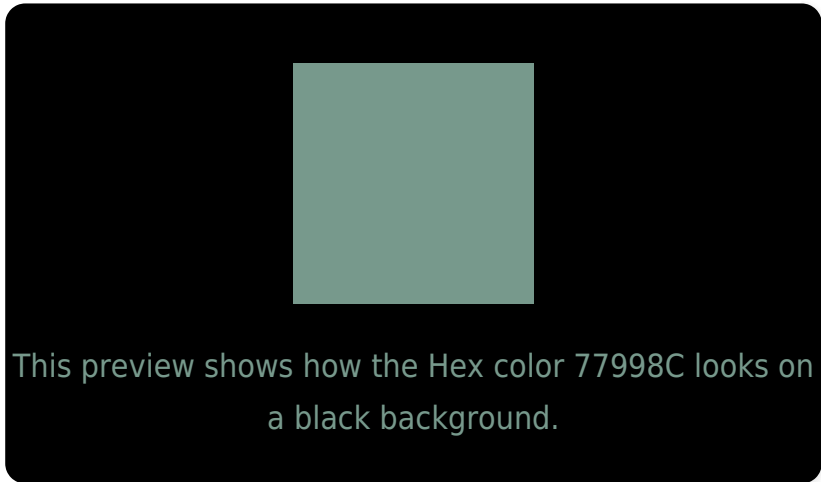
Large Text (above 18pt) WCAG AA ✓ Pass

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

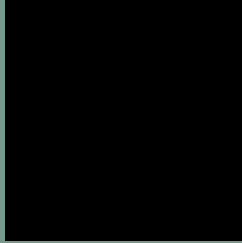
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 77998C Background



This preview shows how black text looks on a background with the Hex color 77998C.

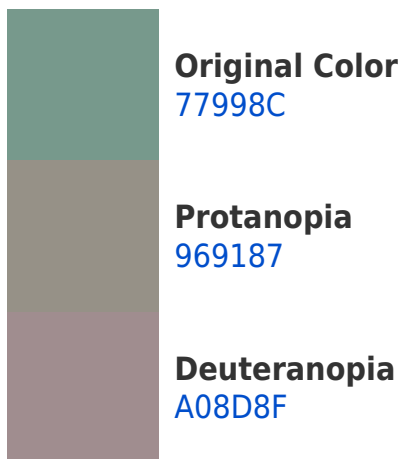


This preview shows how white text looks on a background with the Hex color 77998C.

# 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**  
7B96A2

# Trichromacy



**Original Color**  
77998C

**Protanomaly**  
8B9489

**Deuteranomaly**  
91918E

**Tritanomaly**  
7A979A

# Monochromacy



**Original Color**  
77998C

**Achromatopsia**  
8D8D8D

**Achromatomaly**  
85918D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 77998C 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 #77998C looks like.

```
.text, #text, p{  
    color:#77998C  
}
```

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 #77998C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77998C
}
```

## Border

The CSS property to change the border of an element to Hex 77998C 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
#77998C }
```

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

```
.border{ border-color:#77998C }
```

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

Here you see how a box with a 4 pixel #77998C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77998C; -webkit-box-shadow:4px 4px  
4px 4px #77998C; box-shadow:4px 4px 4px  
4px #77998C }
```

# Background

The CSS property to change the background color of an element to Hex 77998C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77998C }
```

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

```
.background{ background-color:#77998C }
```

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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