

Converting Colors

Hex(77B198)

Have a look what the booklet for
Hex(77B198) contains.

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Color

Hex(77B198)

Conversions

Conversions Part 1

Format	Color
Hex	77B198
RGB	119, 177, 152
RGB Percent	47%, 69%, 60%
CMY	0.5333, 0.3059, 0.4039
CMYK	0.33, 0.00, 0.14, 0.31
HSL	154°, 27%, 58%
HSV	154°, 33%, 69%
XYZ	28.9974, 37.6332, 35.4414
YIQ	156.8080, -26.5430, -20.0710

Conversions

Conversions Part 2

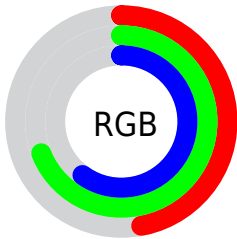
Format	Color
RYB	119, 156, 177
Decimal	7844248
CIELab	67.75, -24.39, 6.82
CIELCh	68, 25.327, 164.383
Yxy	37.6332, 0.2841, 0.3687
Android (android.graphics.Color)	4286034328 (0xFF77B198)
YUV	156.8080, -2.3703, -33.1576
Hunter-Lab	61.3459, -22.9808, 8.6885

Details

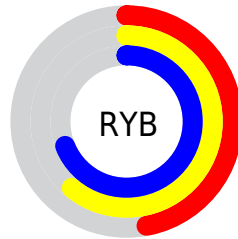
The Hex color **77B198** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B17790**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **ADE9CE**, and **447C65** is the 20% darker color. If you saturate the color by 10%, you get **65B190**, and if you desaturate by 10%, it is **89B1A0**.

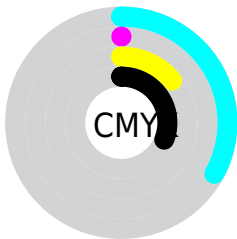
Distribution



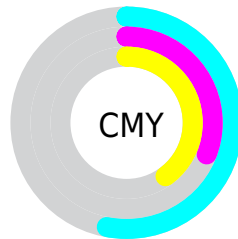
- Red (47%)
- Green (69%)
- Blue (60%)



- Red (47%)
- Yellow (61%)
- Blue (69%)



- Cyan (33%)
- Magenta (0%)
- Yellow (14%)
- Black (31%)



- Cyan (53%)
- Magenta (31%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77B198 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 77B198 by changing the saturation by 10% instead.



77B198



77B198

FFFFFF



5D967E



ADE9CE



447C65



C9FFEA



2A634D



E5FFFF



0F4B36



003421



00200B



000000



77B198



77B198



65B190



89B1A0

 54B189

 9AB1A7

 42B181

 ACB1AF

 30B179

 BEB1B7

 1FB172

 D0B1BE

 0DB16A

 E1B1C6

 00B165

 F3B1CD

 FFB1D5

 FFB1DD

Harmonies

Analogous

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



91AD84



77B198



64B2B0

Triad

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



77B198



98A3D1



CF9886

Complementary

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



77B198



B17790

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.



D3959B



77B198



B69BC6

Square

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



77B198



79ABD0



CB96B2



C19F7A

Rectangle

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



77B198



61B1BE



CB96B2



D2978C

Sweetspot

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



77B198



CFE6DC



90B177



65736D



F2F2F2



737373

Same Dimension

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



77B198



8CE6BF



77ADB1



505955



009957



001A0F

Inverse Universe

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



B17790



E68CB3



B17B77



595054



990042



1A000B

Previews

White Background



This preview shows how the Hex color 77B198 looks on a white background.

Color Contrast Check

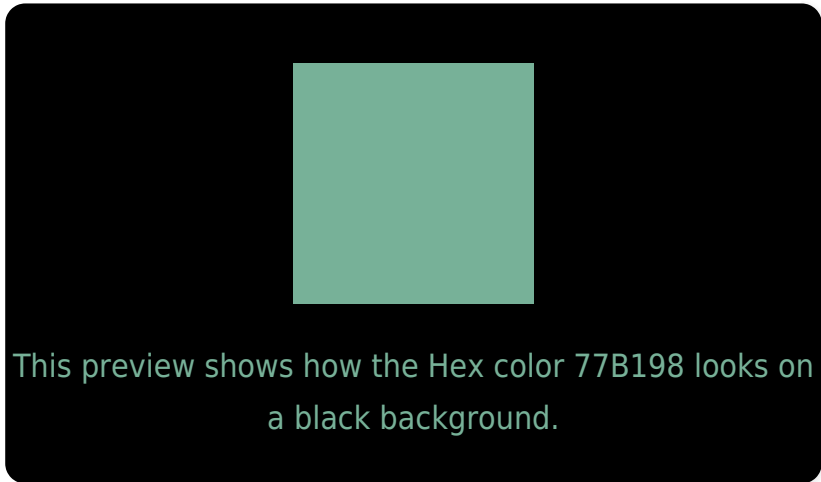
Large Text (above 18pt) WCAG AA × Fail

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

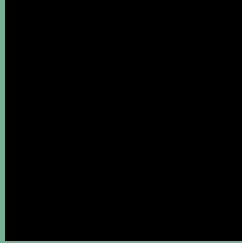
Any Text WCAG AA ✓ Pass

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 77B198 Background



This preview shows how black text looks on a background with the Hex color 77B198.

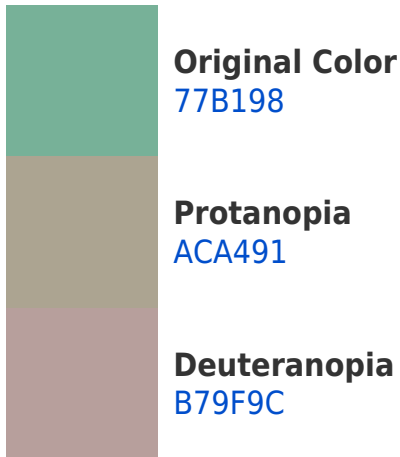


This preview shows how white text looks on a background with the Hex color 77B198.

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



Trichromacy



Original Color

77B198



Protanomaly

99A994



Deuteranomaly

A0A69B



Tritanomaly

7BAEAE

Monochromacy



Original Color

77B198



Achromatopsia

9D9D9D



Achromatomaly

8FA49B

CSS Examples

Text

The CSS property to change the color of the text to Hex 77B198 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 #77B198 looks like.

```
.text, #text, p{  
    color:#77B198  
}
```

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 #77B198 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77B198
}
```

Border

The CSS property to change the border of an element to Hex 77B198 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
#77B198 }
```

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

```
.border{ border-color:#77B198 }
```

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

Here you see how a box with a 4 pixel #77B198 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77B198; -webkit-box-shadow:4px 4px  
4px 4px #77B198; box-shadow:4px 4px 4px  
4px #77B198 }
```

Background

The CSS property to change the background color of an element to Hex 77B198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77B198 }
```

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

```
.background{ background-color:#77B198 }
```

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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