

Converting Colors

Hex(77B08B)

Have a look what the booklet for
Hex(77B08B) contains.

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Color

Hex(77B08B)

Conversions

Conversions Part 1

Format	Color
Hex	77B08B
RGB	119, 176, 139
RGB Percent	47%, 69%, 55%
CMY	0.5333, 0.3098, 0.4549
CMYK	0.32, 0.00, 0.21, 0.31
HSL	141°, 27%, 58%
HSV	141°, 32%, 69%
XYZ	27.7933, 36.8367, 30.0714
YIQ	154.7390, -22.0950, -23.5910

Conversions

Conversions Part 2

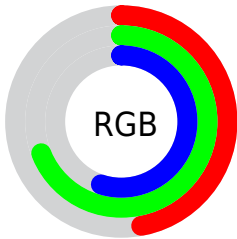
Format	Color
RYB	119, 161, 176
Decimal	7843979
CIELab	67.15, -26.55, 13.12
CIELCh	67, 29.618, 153.697
Yxy	36.8367, 0.2935, 0.3890
Android (android.graphics.Color)	4286034059 (0xFF77B08B)
YUV	154.7390, -7.7593, -31.3431
Hunter-Lab	60.6932, -24.4726, 13.1091

Details

The Hex color **77B08B** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **B0779C**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **ADE8C1**, and **447B59** is the 20% darker color. If you saturate the color by 10%, you get **65B080**, and if you desaturate by 10%, it is **89B096**.

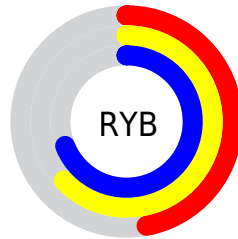
Distribution



Red (47%)

Green (69%)

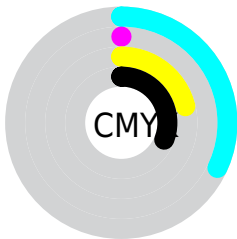
Blue (55%)



Red (47%)

Yellow (63%)

Blue (69%)

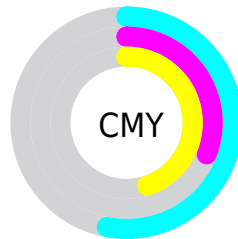


Cyan (32%)

Magenta (0%)

Yellow (21%)

Black (31%)



Cyan (53%)

Magenta (31%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77B08B 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 77B08B by changing the saturation by 10% instead.



77B08B



77B08B

FFFFFF



5D9571



ADE8C1



447B59



C9FFDC



2B6241



E5FFF9



104A2B



003316



001F00



000000



77B08B



77B08B



65B080



89B096

 54B074

 9AB0A2

 42B069

 ACB0AD

 31B05D

 BDB0B9

 1FB052

 CFB0C4

 0DB046

 E1B0D0

 00B03E

 F2B0DB

 FFB0E6

 FFB0F2

Harmonies

Analogous

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



96AB76



77B08B



5AB2A6

Triad

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



77B08B



85A5D8



D79287

Complementary

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



77B08B



B0779C

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.



D78FA1



77B08B



AB9BD0

Square

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



77B08B



5FADD3



C893BC



CA9A74

Rectangle

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



77B08B



4EB2B8



C893BC



D9918F

Sweetspot

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



77B08B



CFE6D7



9CB077



65736A



F2F2F2



737373

Same Dimension

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



77B08B



8CE6AB



77B0A7



505953



009936



001A09

Inverse Universe

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



B0779C



E68CC6



B07780



595056



990063



1A0011

Previews

White Background



This preview shows how the Hex color 77B08B looks on a white background.

Color Contrast Check

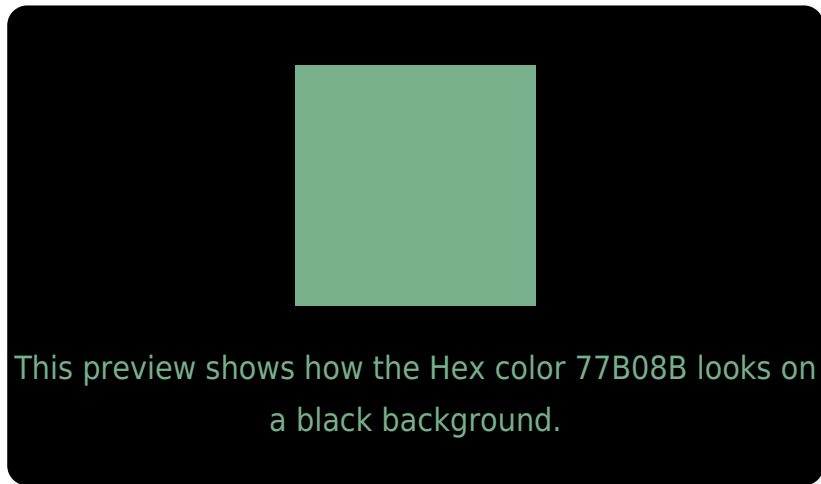
Large Text (above 18pt) WCAG AA × Fail

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

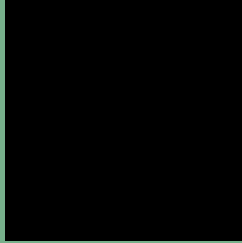
Any Text WCAG AA ✓ Pass

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 77B08B Background



This preview shows how black text looks on a background with the Hex color 77B08B.



This preview shows how white text looks on a background with the Hex color 77B08B.

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](#).

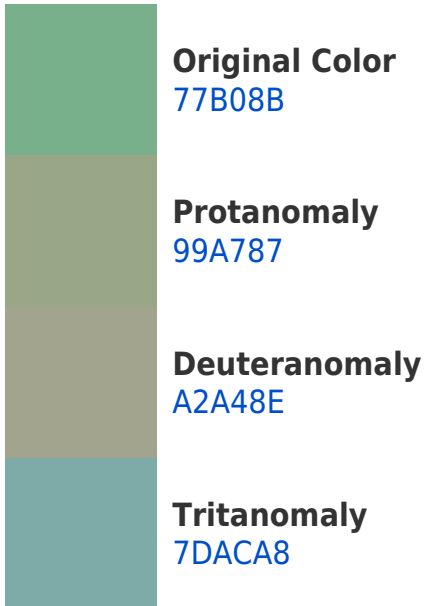
Dichromacy



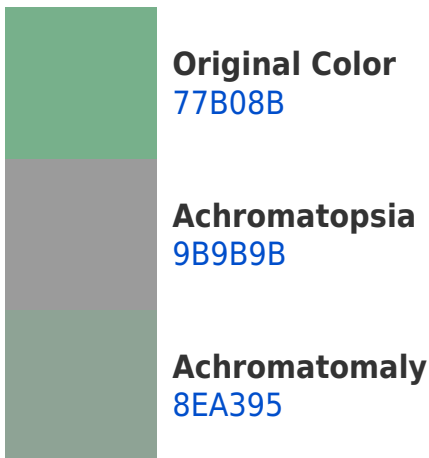


Tritanopia
80AAB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 77B08B 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 #77B08B looks like.

```
.text, #text, p{  
    color:#77B08B  
}
```

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 #77B08B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77B08B
}
```

Border

The CSS property to change the border of an element to Hex 77B08B 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
#77B08B }
```

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

```
.border{ border-color:#77B08B }
```

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

Here you see how a box with a 4 pixel #77B08B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77B08B; -webkit-box-shadow:4px 4px  
4px 4px #77B08B; box-shadow:4px 4px 4px  
4px #77B08B }
```

Background

The CSS property to change the background color of an element to Hex 77B08B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77B08B }
```

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

```
.background{ background-color:#77B08B }
```

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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