

Converting Colors

Hex(77B0B7)

Have a look what the booklet for
Hex(77B0B7) contains.

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Color

Hex(77B0B7)

Conversions

Conversions Part 1

Format	Color
Hex	77B0B7
RGB	119, 176, 183
RGB Percent	47%, 69%, 72%
CMY	0.5333, 0.3098, 0.2824
CMYK	0.35, 0.04, 0.00, 0.28
HSL	187°, 31%, 59%
HSV	187°, 35%, 72%
XYZ	31.6803, 38.3915, 50.5403
YIQ	159.7550, -36.2190, -9.9070

Conversions

Conversions Part 2

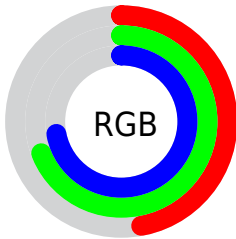
Format	Color
RYB	119, 149, 183
Decimal	7844023
CIELab	68.31, -16.72, -9.50
CIElCh	68, 19.231, 209.586
Yxy	38.3915, 0.2627, 0.3183
Android (android.graphics.Color)	4286034103 (0xFF77B0B7)
YUV	159.7550, 11.4598, -35.7421
Hunter-Lab	61.9609, -17.1653, -4.9891

Details

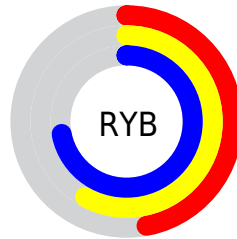
The Hex color **77B0B7** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B77E77**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **ADE8EF**, and **427B82** is the 20% darker color. If you saturate the color by 10%, you get **65AEB7**, and if you desaturate by 10%, it is **89B2B7**.

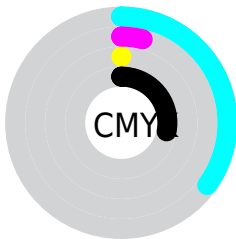
Distribution



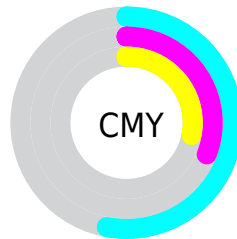
- Red (47%)
- Green (69%)
- Blue (72%)



- Red (47%)
- Yellow (58%)
- Blue (72%)



- Cyan (35%)
- Magenta (4%)
- Yellow (0%)
- Black (28%)



- Cyan (53%)
- Magenta (31%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77B0B7 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 77B0B7 by changing the saturation by 10% instead.

 77B0B7

 77B0B7

FFFFFF

 5D959C

 ADE8EF

 427B82

 CAFFFF

 286269

 E6FFFF

 064A51

 00343A

 001F24

 00010F

 000000

 77B0B7

 77B0B7

65AEB7

89B2B7

52ACB7

9CB4B7

40AAB7

AEB6B7

2EA8B7

C0B8B7

1BA6B7

D3BAB7

09A4B7

E5BCB7

00A3B7

F7BEB7

FFC0B7

FFC2B7

Harmonies

Analogous

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



7DB1A6



77B0B7



7FADC4

Triad

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



77B0B7



BD9DB8



B4A584

Complementary

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



77B0B7



B77E77

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.



C3A089



77B0B7



C99AA7

Square

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



77B0B7



A9A2C5



CA9B96



A1AB88

Rectangle

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



77B0B7



8BAAC8



CA9B96



BAA385

Sweetspot

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



77B0B7



D5EBED



77B77D



697678



F7F7F7



787878

Same Dimension

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



77B0B7



8AE2ED



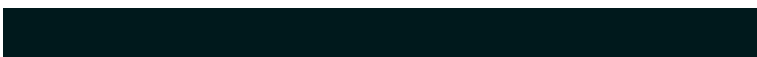
7791B7



535B5C



008B9C



00191C

Inverse Universe

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



B777B0



ED8AE2



B79D77



5C535B



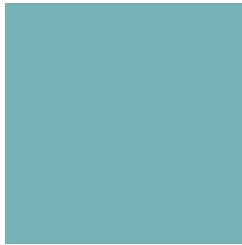
9C008B



1C0019

Previews

White Background



This preview shows how the Hex color 77B0B7 looks on a white background.

Color Contrast Check

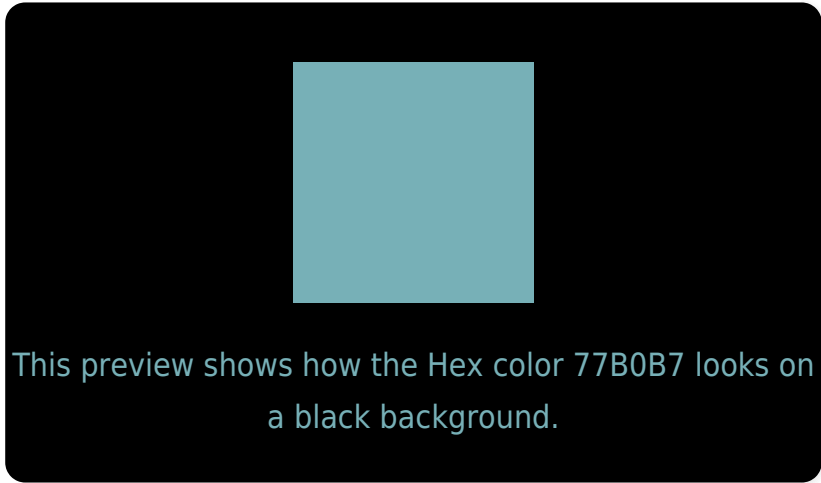
Large Text (above 18pt) WCAG AA × Fail

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

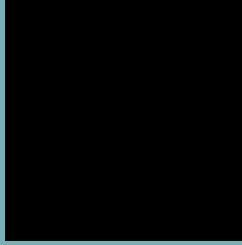
Any Text WCAG AA ✓ Pass

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 77B0B7 Background



This preview shows how black text looks on a background with the Hex color 77B0B7.

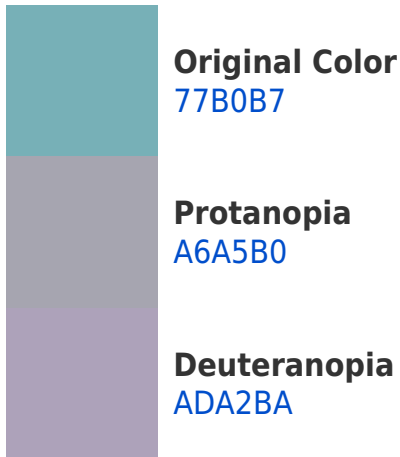


This preview shows how white text looks on a background with the Hex color 77B0B7.

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](#).

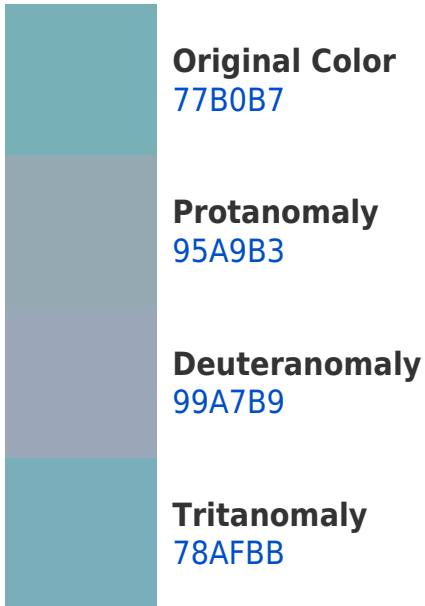
Dichromacy



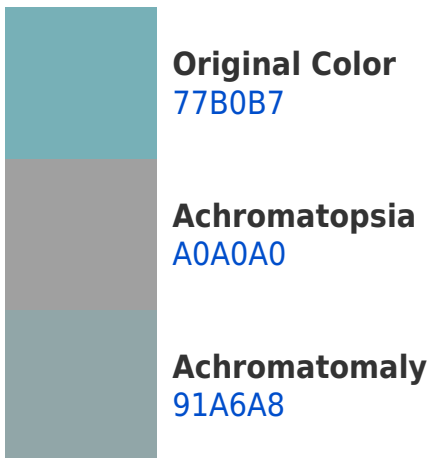


Tritanopia
79AFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 77B0B7 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 #77B0B7 looks like.

```
.text, #text, p{  
    color:#77B0B7  
}
```

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 #77B0B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77B0B7
}
```

Border

The CSS property to change the border of an element to Hex 77B0B7 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
#77B0B7 }
```

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

```
.border{ border-color:#77B0B7 }
```

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

Here you see how a box with a 4 pixel #77B0B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77B0B7; -webkit-box-shadow:4px 4px  
4px 4px #77B0B7; box-shadow:4px 4px 4px  
4px #77B0B7 }
```

Background

The CSS property to change the background color of an element to Hex 77B0B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77B0B7 }
```

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

```
.background{ background-color:#77B0B7 }
```

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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