

Converting Colors

Hex(77B5B0)

Have a look what the booklet for
Hex(77B5B0) contains.

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Color

Hex(77B5B0)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 77B5B0 |
| RGB | 119, 181, 176 |
| RGB Percent | 47%, 71%, 69% |
| CMY | 0.5333, 0.2902, 0.3098 |
| CMYK | 0.34, 0.00, 0.03, 0.29 |
| HSL | 175°, 30%, 59% |
| HSV | 175°, 34%, 71% |
| XYZ | 31.9681, 40.1043, 47.1303 |
| YIQ | 161.8920, -35.3470, -14.6990 |

Conversions

Conversions Part 2

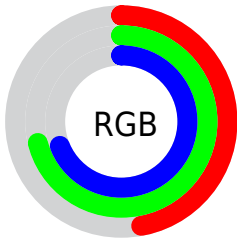
| Format | Color |
|-------------------------------------|--|
| RYB | 119, 151, 181 |
| Decimal | 7845296 |
| CIELab | 69.54, -21.00, -3.80 |
| CIELCh | 70, 21.344, 190.257 |
| Yxy | 40.1043, 0.2682, 0.3364 |
| Android (android.graphics.Color) | 4286035376 (0xFF77B5B0) |
| YUV | 161.8920, 6.9552, -37.6163 |
| Hunter-Lab | 63.3279, -20.7167, 0.2044 |

Details

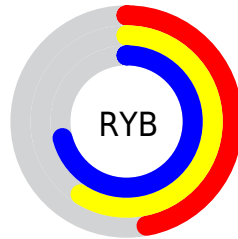
The Hex color **77B5B0** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **B5777C**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **ADEDE8**, and **42807C** is the 20% darker color. If you saturate the color by 10%, you get **65B5AF**, and if you desaturate by 10%, it is **89B5B1**.

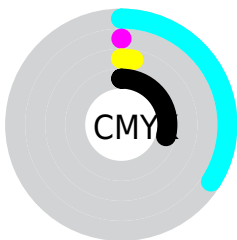
Distribution



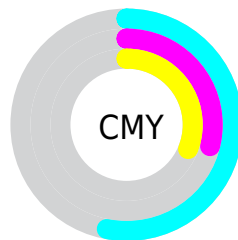
- Red (47%)
- Green (71%)
- Blue (69%)



- Red (47%)
- Yellow (59%)
- Blue (71%)



- Cyan (34%)
- Magenta (0%)
- Yellow (3%)
- Black (29%)



- Cyan (53%)
- Magenta (29%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77B5B0 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 77B5B0 by changing the saturation by 10% instead.

 77B5B0

 77B5B0

FFFFFF

 5D9A95

 ADEDE8

 42807C

 CAFFFF

 286763

 E6FFFF

 064E4B

 003734

 00221F

 000007

 000000

 77B5B0

 77B5B0

65B5AF

89B5B1

53B5AD

9BB5B3

41B5AC

ADB5B4

2FB5AA

BFB5B6

1DB5A9

D2B5B7

0AB5A7

E4B5B9

00B5A6

F6B5BA

FFB5BC

FFB5BD

Harmonies

Analogous

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



86B49C



77B5B0



75B3C2

Triad

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



77B5B0



B5A3C7



C4A486

Complementary

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



77B5B0



B5777C

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.



D09F92



77B5B0



C89EB7

Square

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



77B5B0



9CA9D0



D19CA4



B2AB84

Rectangle

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



77B5B0



7DB1CB



D19CA4



C9A289

Sweetspot

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



77B5B0



D3EBE9



7CB577



677574



F5F5F5



757575

Same Dimension

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



77B5B0



8AEBE3



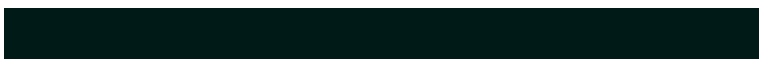
779BB5



505959



00998D



001A17

Inverse Universe

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



B5777C



EB8A92



B59177



595051



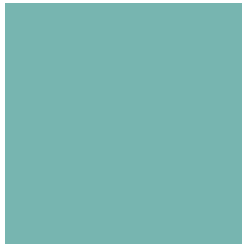
99000C



1A0002

Previews

White Background



This preview shows how the Hex color 77B5B0 looks on a white background.

Color Contrast Check

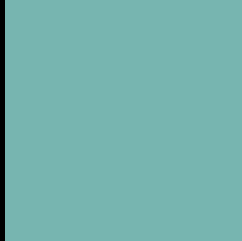
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 77B5B0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

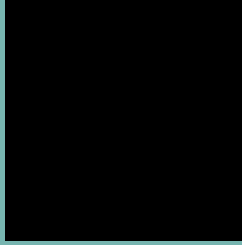
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

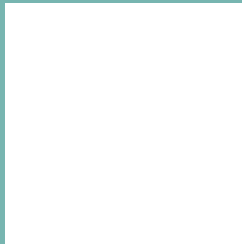
Any Text WCAG AAA ✓ Pass

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

Hex 77B5B0 Background



This preview shows how black text looks on a background with the Hex color 77B5B0.

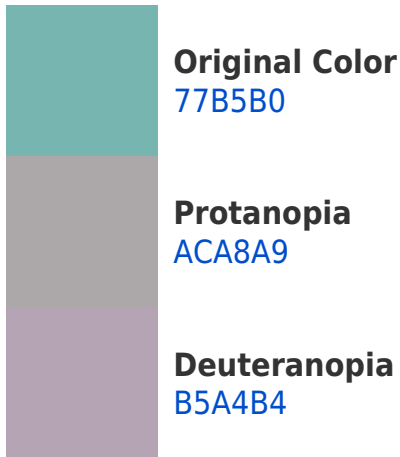


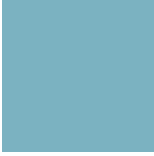
This preview shows how white text looks on a background with the Hex color 77B5B0.

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](#).

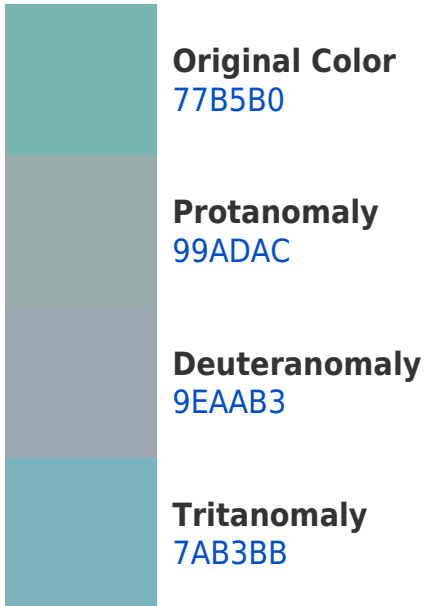
Dichromacy



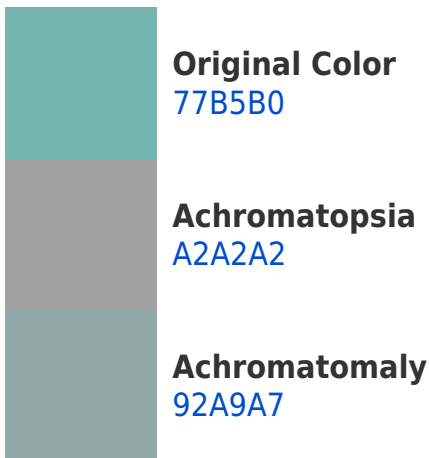


Tritanopia
7BB2C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 77B5B0 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 #77B5B0 looks like.

```
.text, #text, p{  
    color:#77B5B0  
}
```

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 #77B5B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77B5B0  
}
```

Border

The CSS property to change the border of an element to Hex 77B5B0 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  
#77B5B0 }
```

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

```
.border{ border-color:#77B5B0 }
```

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

Here you see how a box with a 4 pixel #77B5B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77B5B0; -webkit-box-shadow:4px 4px  
4px 4px #77B5B0; box-shadow:4px 4px 4px  
4px #77B5B0 }
```

Background

The CSS property to change the background color of an element to Hex 77B5B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77B5B0 }
```

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

```
.background{ background-color:#77B5B0 }
```

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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