

# Converting Colors

Hex(77B4BA)

Have a look what the booklet for  
Hex(77B4BA) contains.

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# **Color**

**Hex(77B4BA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	77B4BA
RGB	119, 180, 186
RGB Percent	47%, 71%, 73%
CMY	0.5333, 0.2941, 0.2706
CMYK	0.36, 0.03, 0.00, 0.27
HSL	185°, 33%, 60%
HSV	185°, 36%, 73%
XYZ	32.7919, 40.1096, 52.4680
YIQ	162.4450, -38.2820, -11.0660

# Conversions

## Conversions Part 2

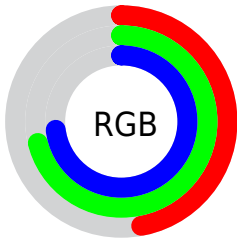
<b>Format</b>	<b>Color</b>
<b>RYB</b>	119, 151, 186
Decimal	7845050
CIELab	69.55, -18.06, -9.30
CIElCh	70, 20.313, 207.255
Yxy	40.1096, 0.2616, 0.3199
Android (android.graphics.Color)	4286035130 (0xFF77B4BA)
YUV	162.4450, 11.6126, -38.1013
Hunter-Lab	63.3322, -18.4081, -4.7867

# Details

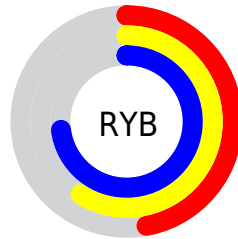
The Hex color **77B4BA** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **BA7D77**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **AEECF2**, and **427F85** is the 20% darker color. If you saturate the color by 10%, you get **64B2BA**, and if you desaturate by 10%, it is **8AB6BA**.

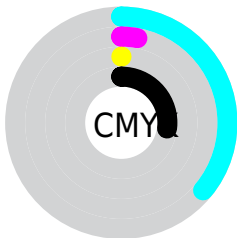
# Distribution



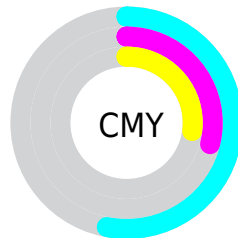
- Red (47%)
- Green (71%)
- Blue (73%)



- Red (47%)
- Yellow (59%)
- Blue (73%)



- Cyan (36%)
- Magenta (3%)
- Yellow (0%)
- Black (27%)



- Cyan (53%)
- Magenta (29%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 77B4BA 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 77B4BA by changing the saturation by 10% instead.



 77B4BA

 77B4BA

FFFFFF

 5C999F

 AEECF2

 427F85

 CAFFFF

 26666C

 E7FFFF

 024E53

 00373C

 002127

 000113

 000000

 77B4BA

 77B4BA

64B2BA

8AB6BA

52B1BA

9CB7BA

3FAFBA

AFB9BA

2DADBA

C1BBBA

1AACBA

D4BCBA

07AABA

E7BEBA

00A9BA

F9C0BA

FFC1BA

FFC3BA

# Harmonies

## Analogous

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



7FB4A7



77B4BA



7EB1C8

# Triad

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



77B4BA



C0A0BE



BAA885

# Complementary

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



77B4BA



BA7D77

# 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.



C9A28C



77B4BA



CD9DAC

# Square

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



77B4BA



ABA6CA



D09E9A



A6AE89

# Rectangle

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



77B4BA



8BAECD



D09E9A



BFA686



# Sweetspot

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



77B4BA



D8F0F2



77BA7D



6A797A



FAFAFA



7A7A7A



# Same Dimension

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



77B4BA



8AE9F2



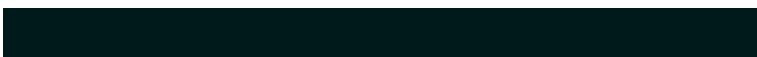
7793BA



535B5C



008E9C



001A1C



# Inverse Universe

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



BA77B4



F28AE9



BA9E77



5C535B



9C008E

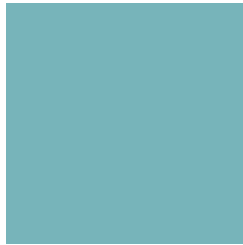


1C001A



# Previews

## White Background



This preview shows how the Hex color 77B4BA looks on a white background.

## Color Contrast Check

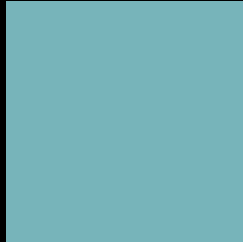
Large Text (above 18pt) WCAG AA × Fail

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 77B4BA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

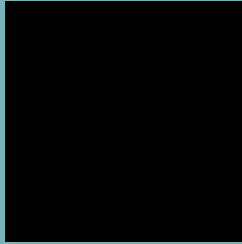
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 77B4BA Background



This preview shows how black text looks on a background with the Hex color 77B4BA.

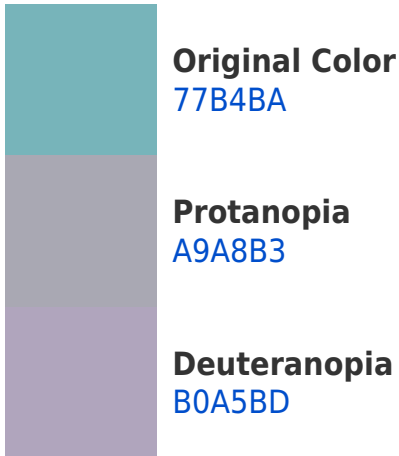


This preview shows how white text looks on a background with the Hex color 77B4BA.

# 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](#).

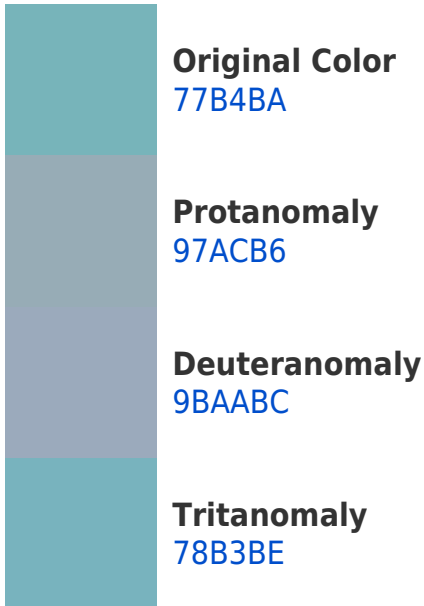
## Dichromacy



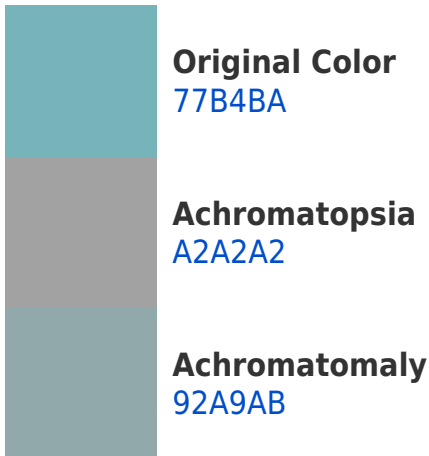


**Tritanopia**  
79B3C1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 77B4BA 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 #77B4BA looks like.

```
.text, #text, p{  
    color:#77B4BA  
}
```

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 #77B4BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77B4BA
}
```

## Border

The CSS property to change the border of an element to Hex 77B4BA 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
#77B4BA }
```

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

```
.border{ border-color:#77B4BA }
```

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

Here you see how a box with a 4 pixel #77B4BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77B4BA; -webkit-box-shadow:4px 4px  
4px 4px #77B4BA; box-shadow:4px 4px 4px  
4px #77B4BA }
```

# Background

The CSS property to change the background color of an element to Hex 77B4BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77B4BA }
```

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

```
.background{ background-color:#77B4BA }
```

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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