

# Converting Colors

Hex(77B6CB)

Have a look what the booklet for  
Hex(77B6CB) contains.

<b>Hex(77B6CB)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(77B6CB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	77B6CB
RGB	119, 182, 203
RGB Percent	47%, 71%, 80%
CMY	0.5333, 0.2863, 0.2039
CMYK	0.41, 0.10, 0.00, 0.20
HSL	195°, 45%, 63%
HSV	195°, 41%, 80%
XYZ	35.1152, 41.6896, 62.6960
YIQ	165.5570, -44.2890, -6.8250

# Conversions

## Conversions Part 2

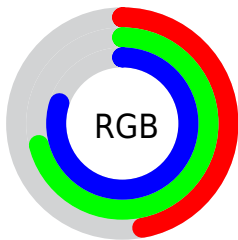
Format	Color
<a href="#">RYB</a>	<a href="#">119, 155, 203</a>
Decimal	<a href="#">7845579</a>
CIELab	<a href="#">70.66, -14.74, -16.98</a>
CIElCh	<a href="#">71, 22.489, 229.033</a>
Yxy	<a href="#">41.6896, 0.2517, 0.2988</a>
Android (android.graphics.Color)	<a href="#">4286035659 (0xFF77B6CB)</a>
YUV	<a href="#">165.5570, 18.4594, -40.8305</a>
Hunter-Lab	<a href="#">64.5675, -15.9155, -12.3743</a>

# Details

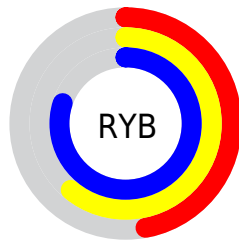
The Hex color **77B6CB** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **CB8C77**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **AFEEEE**, and **408195** is the 20% darker color. If you saturate the color by 10%, you get **63B1CB**, and if you desaturate by 10%, it is **8BBBCB**.

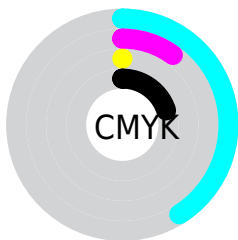
# Distribution



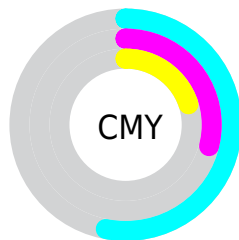
- Red (47%)
- Green (71%)
- Blue (80%)



- Red (47%)
- Yellow (61%)
- Blue (80%)



- Cyan (41%)
- Magenta (10%)
- Yellow (0%)
- Black (20%)



- Cyan (53%)
- Magenta (29%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 77B6CB 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 77B6CB by changing the saturation by 10% instead.



 77B6CB

 77B6CB

FFFFFF

 5C9BB0

 AFEEEE

 408195

 CBFFFF

 22687B

 E8FFFF

 005062

 00394A

 002334

 00061F

 000002

 000000

 77B6CB

 77B6CB

 63B1CB

 8BBBCB

 4EACCB

 A0C0CB

 3AA7CB

 B4C5CB

 26A2CB

 C8CACB

 119DCB

 DDCFCB

 0098CB

 F1D4CB

 FFDACB

 FFDFCB

 FFE4CB

# Harmonies

## Analogous

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



74B8B9



77B6CB



8BB1D4

# Triad

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



77B6CB



D19FB5



AFB086

# Complementary

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



77B6CB



CB8C77

# 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.



C3A985



77B6CB



D79FA0

# Square

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



77B6CB



C0A3C8



D2A38F



97B592

# Rectangle

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



77B6CB



9DADD5



D2A38F



B6AD84



# Sweetspot

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



77B6CB



E0F7FF



77CB8C



6E7B80



000000



808080

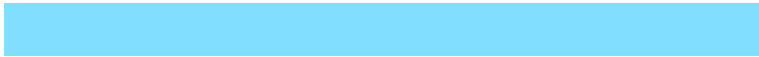


# Same Dimension

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



77B6CB



80DFFF



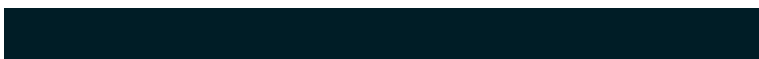
778CCB



5C6366



007CA6



001D26



# Inverse Universe

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



CB77B6



FF80DF



CBB677



665C63



A6007C

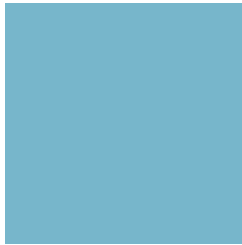


26001D



# Previews

## White Background



This preview shows how the Hex color 77B6CB looks on a white background.

## Color Contrast Check

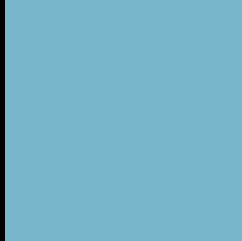
Large Text (above 18pt) WCAG AA × Fail

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 77B6CB 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 77B6CB Background



This preview shows how black text looks on a background with the Hex color 77B6CB.

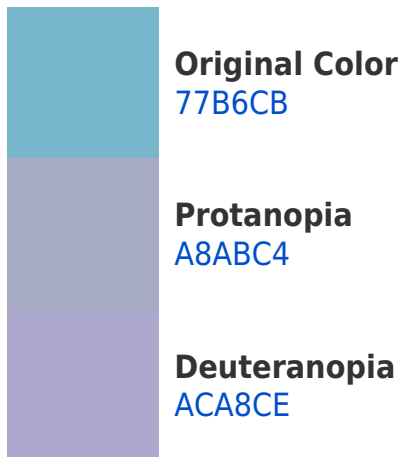


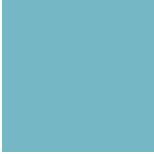
This preview shows how white text looks on a background with the Hex color 77B6CB.

# 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](#).

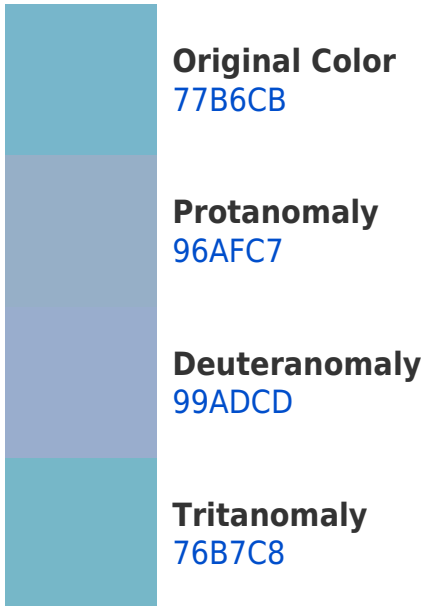
## Dichromacy



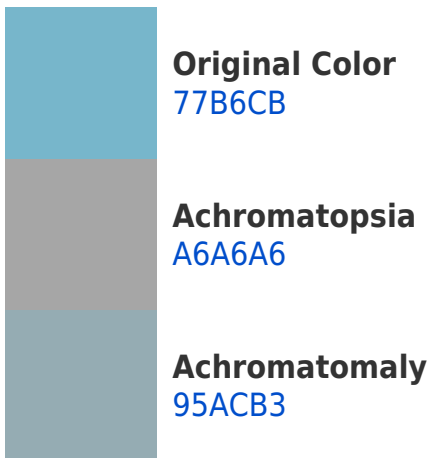


**Tritanopia**  
76B7C6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 77B6CB 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 #77B6CB looks like.

```
.text, #text, p{  
    color:#77B6CB  
}
```

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 #77B6CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77B6CB
}
```

## Border

The CSS property to change the border of an element to Hex 77B6CB 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
#77B6CB }
```

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

```
.border{ border-color:#77B6CB }
```

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

Here you see how a box with a 4 pixel #77B6CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77B6CB; -webkit-box-shadow:4px 4px  
4px 4px #77B6CB; box-shadow:4px 4px 4px  
4px #77B6CB }
```

# Background

The CSS property to change the background color of an element to Hex 77B6CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77B6CB }
```

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

```
.background{ background-color:#77B6CB }
```

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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