

# Converting Colors

Hex(77B0CE)

Have a look what the booklet for  
Hex(77B0CE) contains.

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# Color

**Hex(77B0CE)**

# Conversions

Conversions Part 1	
Format	Color
Hex	77B0CE
RGB	119, 176, 206
RGB Percent	47%, 69%, 81%
CMY	0.5333, 0.3098, 0.1922
CMYK	0.42, 0.15, 0.00, 0.19
HSL	201°, 47%, 64%
HSV	201°, 42%, 81%
XYZ	34.2737, 39.4288, 64.1966
YIQ	162.3770, -43.6020, -2.7540

# Conversions

## Conversions Part 2

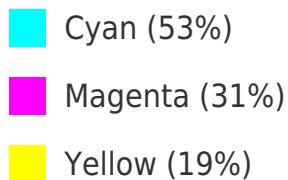
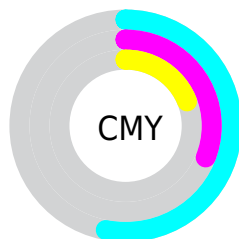
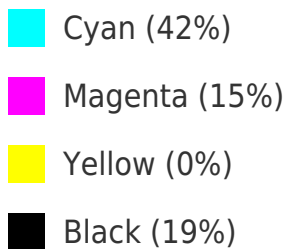
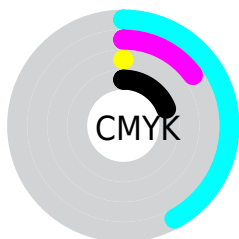
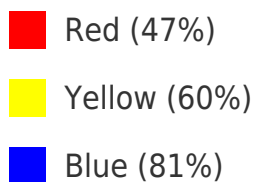
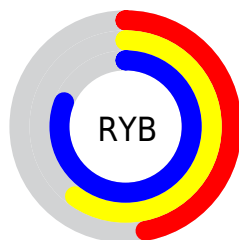
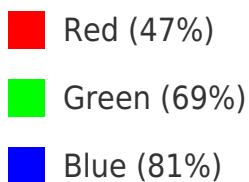
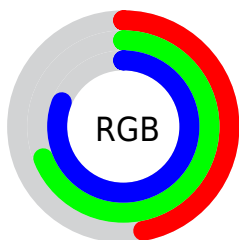
Format	Color
<a href="#">RYB</a>	<a href="#">119, 153, 206</a>
Decimal	<a href="#">7844046</a>
CIELab	<a href="#">69.06, -10.76, -21.05</a>
CIELCh	<a href="#">69, 23.638, 242.934</a>
Yxy	<a href="#">39.4288, 0.2485, 0.2859</a>
Android (android.graphics.Color)	<a href="#">4286034126</a> (0xFF77B0CE)
YUV	<a href="#">162.3770, 21.5061, -38.0416</a>
Hunter-Lab	<a href="#">62.7924, -12.4569, -16.6613</a>

# Details

The Hex color **77B0CE** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **CE9577**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **AFE8FF**, and **407C98** is the 20% darker color. If you saturate the color by 10%, you get **62A9CE**, and if you desaturate by 10%, it is **8CB7CE**.

# Distribution



# Brightness & Saturation Gradients

These gradients show how the Hex color 77B0CE 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 77B0CE by changing the saturation by 10% instead.



 77B0CE

FFFFFF

 AFE8FF

 CBFFFF

 E8FFFF

 77B0CE

 5C95B2

 407C98

 22637E

 004B65

 00344D

 001F36

 000221

 000005

 000000

 77B0CE 77B0CE 62A9CE 8CB7CE 4EA2CE A0BECE 399BCE B5C5CE 2594CE C9CCCE 108CCE DED4CE 0087CE F3DBCE FFE2CE FFE9CE FFF0CE

# Harmonies

## Analogous

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



6BB4BF



77B0CE



92AAD3

# Triad

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



77B0CE



D399A7



9FAE84

# Complementary

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



77B0CE



CE9577

# 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.



B6A87E



77B0CE



D39B92

# Square

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



77B0CE



C69CBC



C9A183



87B394

# Rectangle

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



77B0CE



A5A5D0



C9A183



A7AC81

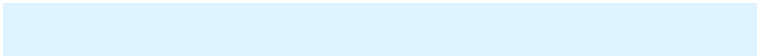


# Sweetspot

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



77B0CE



DEF4FF



77CE94



6B7880



000000



808080

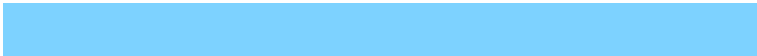


# Same Dimension

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



77B0CE



7DD2FF



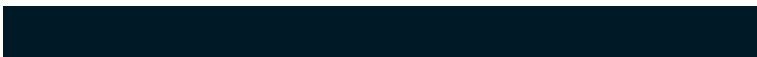
7786CE



5C6266



006DA6



001926



# Inverse Universe

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



CE77B0



FF7DD2



CEC077



665C62



A6006D



260019



# Previews

## White Background



This preview shows how the Hex color 77B0CE looks on a white background.

## Color Contrast Check

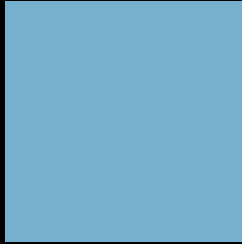
Large Text (above 18pt) WCAG AA × Fail

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 77B0CE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

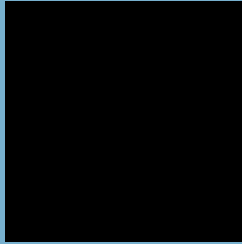
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 77B0CE Background



This preview shows how black text looks on a background with the Hex color 77B0CE.



This preview shows how white text looks on a background with the Hex color 77B0CE.

# 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



**Original Color**

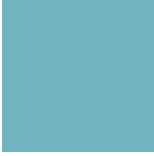
77B0CE

**Protanopia**

A1A6C7





**Deuteranopia**

A4A4D0



**Tritanopia**  
73B2C1

# Trichromacy

	<b>Original Color</b> 77B0CE
	<b>Protanomaly</b> 92AACA
	<b>Deuteranomaly</b> 94A8CF
	<b>Tritanomaly</b> 74B1C6

# Monochromacy

	<b>Original Color</b> 77B0CE
	<b>Achromatopsia</b> A2A2A2
	<b>Achromatomaly</b> 92A7B2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 77B0CE 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 #77B0CE looks like.

```
.text, #text, p{  
    color:#77B0CE  
}
```

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 #77B0CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77B0CE
}
```

## Border

The CSS property to change the border of an element to Hex 77B0CE 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
#77B0CE }
```

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

```
.border{ border-color:#77B0CE }
```

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

Here you see how a box with a 4 pixel #77B0CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77B0CE; -webkit-box-shadow:4px 4px  
4px 4px #77B0CE; box-shadow:4px 4px 4px  
4px #77B0CE }
```

# Background

The CSS property to change the background color of an element to Hex 77B0CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77B0CE }
```

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

```
.background{ background-color:#77B0CE }
```

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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