

Converting Colors

Hex(77C6CF)

Have a look what the booklet for
Hex(77C6CF) contains.

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Color

Hex(77C6CF)

Conversions

Conversions Part 1

Format	Color
Hex	77C6CF
RGB	119, 198, 207
RGB Percent	47%, 78%, 81%
CMY	0.5333, 0.2235, 0.1882
CMYK	0.43, 0.04, 0.00, 0.19
HSL	186°, 48%, 64%
HSV	186°, 43%, 81%
XYZ	39.0643, 48.8151, 66.3948
YIQ	175.4050, -49.9730, -13.9490

Conversions

Conversions Part 2

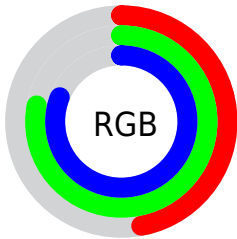
Format	Color
R _Y B	119, 161, 207
Decimal	7849679
CIE Lab	75.34, -21.94, -12.12
CIE LCh	75, 25.067, 208.921
Yxy	48.8151, 0.2532, 0.3164
Android (android.graphics.Color)	4286039759 (0xFF77C6CF)
YUV	175.4050, 15.5763, -49.4672
Hunter-Lab	69.8678, -22.4662, -7.4354

Details

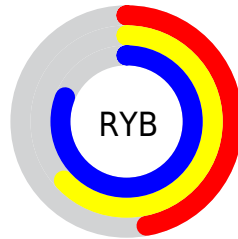
The Hex color **77C6CF** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **CF8077**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **AFFFFFFF**, and **3E9099** is the 20% darker color. If you saturate the color by 10%, you get **62C4CF**, and if you desaturate by 10%, it is **8CC8CF**.

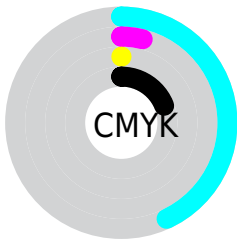
Distribution



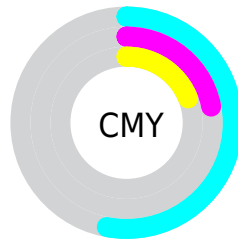
- Red (47%)
- Green (78%)
- Blue (81%)



- Red (47%)
- Yellow (63%)
- Blue (81%)



- Cyan (43%)
- Magenta (4%)
- Yellow (0%)
- Black (19%)



- Cyan (53%)
- Magenta (22%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77C6CF 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 77C6CF by changing the saturation by 10% instead.

 77C6CF

 77C6CF

FFFFFF

 5BABB3

 AFFFFFF

 3E9099


 CCFFFF

 1E767F

 E9FFFF

 005D66

 00454E

 002F37

 001C22

 00000A

 000000

 77C6CF

 77C6CF

 62C4CF

 8CC8CF

 4EC2CF

 A0CACF

 39C0CF

 B5CCCF

 24BECF

 CACECF

 10BBCF

 DFD1CF

 00BACF

 F3D3CF

 FFD5CF

 FFD7CF

 FFD9CF

Harmonies

Analogous

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



81C7B8



77C6CF



81C2E0

Triad

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



77C6CF



D7ADD2



CCB88C

Complementary

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



77C6CF



CF8077

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.



DFB093



77C6CF



E6A9BB

Square

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



77C6CF



BCB4E2



E8AAA4



B3BF91

Rectangle

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



77C6CF



92BEE6



E8AAA4



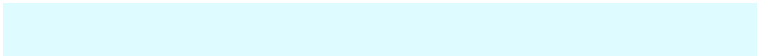
D3B58D

Sweetspot

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



77C6CF



DEFCFF



77CF80



6B7D80



000000



808080

Same Dimension

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



77C6CF



7DF2FF



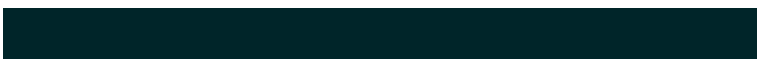
779ACF



5E6769



0097A8



002529

Inverse Universe

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



CF77C6



FF7DF2



CFAC77



695E67



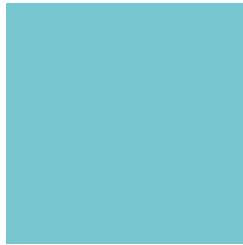
A80097



290025

Previews

White Background



This preview shows how the Hex color 77C6CF looks on a white background.

Color Contrast Check

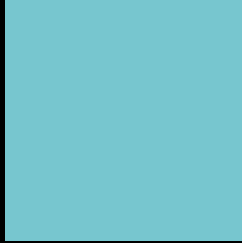
Large Text (above 18pt) WCAG AA × Fail

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 77C6CF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

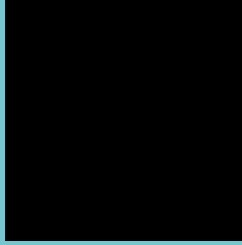
Any Text WCAG AA ✓ Pass

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 77C6CF Background



This preview shows how black text looks on a background with the Hex color 77C6CF.

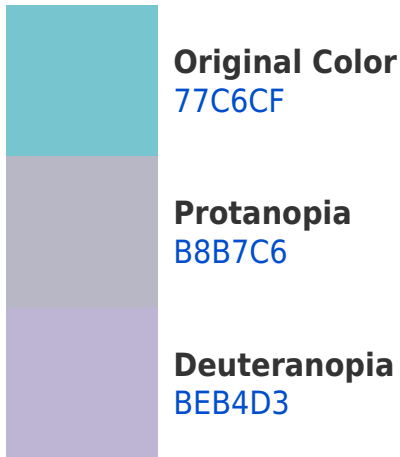


This preview shows how white text looks on a background with the Hex color 77C6CF.

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



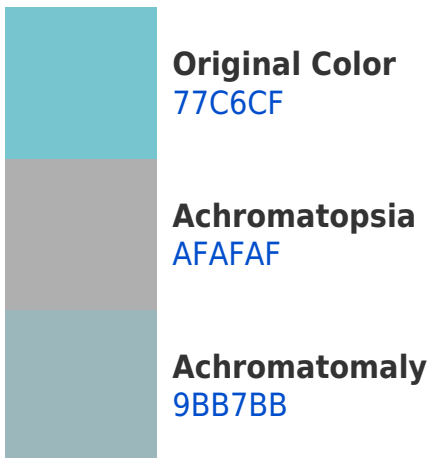


Tritanopia
79C5D5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 77C6CF 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 #77C6CF looks like.

```
.text, #text, p{  
    color:#77C6CF  
}
```

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 #77C6CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77C6CF
}
```

Border

The CSS property to change the border of an element to Hex 77C6CF 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
#77C6CF }
```

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

```
.border{ border-color:#77C6CF }
```

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

Here you see how a box with a 4 pixel #77C6CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77C6CF; -webkit-box-shadow:4px 4px  
4px 4px #77C6CF; box-shadow:4px 4px 4px  
4px #77C6CF }
```

Background

The CSS property to change the background color of an element to Hex 77C6CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77C6CF }
```

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

```
.background{ background-color:#77C6CF }
```

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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