

Converting Colors

Hex(779CC0)

Have a look what the booklet for
Hex(779CC0) contains.

Hex(779CC0)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(779CC0)

Conversions

Conversions Part 1

Format	Color
Hex	779CC0
RGB	119, 156, 192
RGB Percent	47%, 61%, 75%
CMY	0.5333, 0.3882, 0.2471
CMYK	0.38, 0.19, 0.00, 0.25
HSL	210°, 37%, 61%
HSV	210°, 38%, 75%
XYZ	29.0106, 31.5046, 54.4212
YIQ	149.0410, -33.6080, 3.3520

Conversions

Conversions Part 2

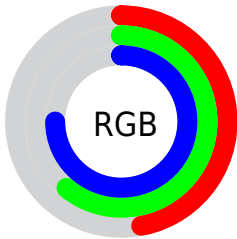
Format	Color
R _Y B	119, 144, 192
Decimal	7838912
CIE Lab	62.93, -3.57, -22.63
CIE LCh	63, 22.912, 261.028
Yxy	31.5046, 0.2524, 0.2741
Android (android.graphics.Color)	4286028992 (0xFF779CC0)
YUV	149.0410, 21.1788, -26.3460
Hunter-Lab	56.1290, -5.9668, -18.1957

Details

The Hex color **779CC0** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **C09B77**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **ADD2F8**, and **43698A** is the 20% darker color. If you saturate the color by 10%, you get **6493C0**, and if you desaturate by 10%, it is **8AA5C0**.

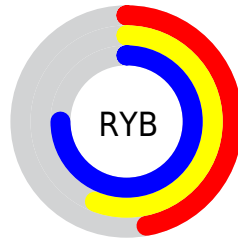
Distribution



Red (47%)

Green (61%)

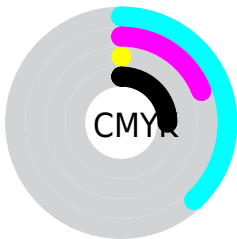
Blue (75%)



Red (47%)

Yellow (56%)

Blue (75%)

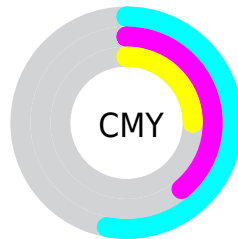


Cyan (38%)

Magenta (19%)

Yellow (0%)

Black (25%)



Cyan (53%)

Magenta (39%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 779CC0 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 779CC0 by changing the saturation by 10% instead.

 779CC0

 779CC0

FFFFFF

 5D82A5

 ADD2F8

 43698A

 CAEFFF

 285171

 E6FFFF

 073A58

 002541

 000F2B

 000115

 000000

 779CC0

 779CC0

6493C0

8AA5C0

5189C0

9DAFC0

3D80C0

B1B8C0

2A76C0

C4C2C0

176DC0

D7CBC0

0463C0

EAD5C0

0061C0

FDDEC0

FFE8C0

FFF1C0

Harmonies

Analogous

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



61A1B7



779CC0



9395BE

Triad

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



779CC0



C28A8B



81A17E

Complementary

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



779CC0



C09B77

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.



989B72



779CC0



BC8E79

Square

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



779CC0



BD8A9F



AD9570



6BA391

Rectangle

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



779CC0



A590B7



AD9570



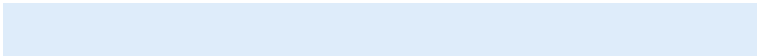
899F79

Sweetspot

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



779CC0



DEECFA



77C09A



6D757D



FCFCFC



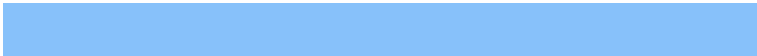
7D7D7D

Same Dimension

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



779CC0



87C1FA



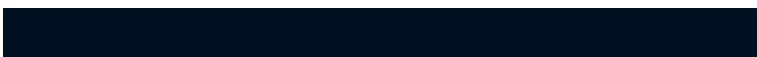
7778C0



575C61



0051A1



001121

Inverse Universe

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



C0779C



FA87C1



C0BF77



61575C



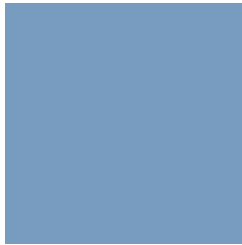
A10051



210011

Previews

White Background



This preview shows how the Hex color 779CC0 looks on a white background.

Color Contrast Check

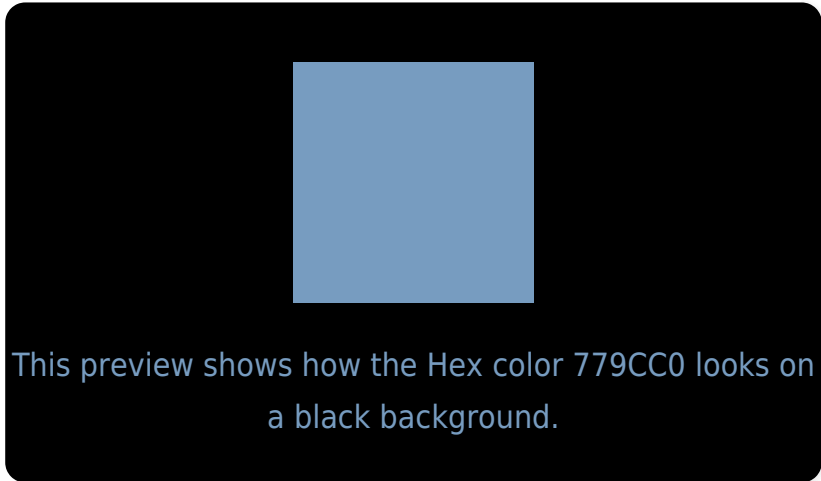
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

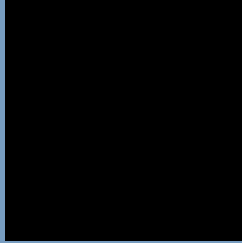
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

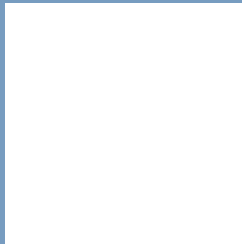
Any Text WCAG AAA ✓ Pass

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

Hex 779CC0 Background



This preview shows how black text looks on a background with the Hex color 779CC0.



This preview shows how white text looks on a background with the Hex color 779CC0.

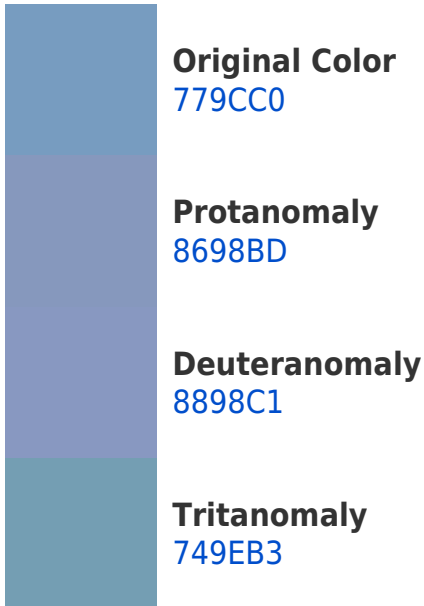
Color Blindness Simulation

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](#).

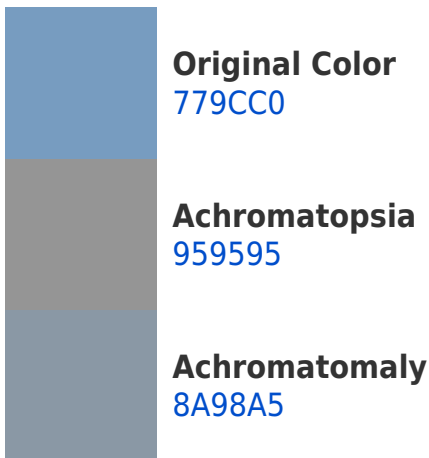
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 779CC0 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 #779CC0 looks like.

```
.text, #text, p{  
    color:#779CC0  
}
```

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 #779CC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #779CC0
}
```

Border

The CSS property to change the border of an element to Hex 779CC0 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
#779CC0 }
```

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

```
.border{ border-color:#779CC0 }
```

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

Here you see how a box with a 4 pixel #779CC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #779CC0; -webkit-box-shadow:4px 4px  
4px 4px #779CC0; box-shadow:4px 4px 4px  
4px #779CC0 }
```

Background

The CSS property to change the background color of an element to Hex 779CC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#779CC0 }
```

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

```
.background{ background-color:#779CC0 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor