

# Converting Colors

Hex(779FC6)

Have a look what the booklet for  
Hex(779FC6) contains.

<b>Hex(779FC6)</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(779FC6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	779FC6
RGB	119, 159, 198
RGB Percent	47%, 62%, 78%
CMY	0.5333, 0.3765, 0.2235
CMYK	0.40, 0.20, 0.00, 0.22
HSL	210°, 41%, 62%
HSV	210°, 40%, 78%
XYZ	30.1989, 32.7954, 58.1646
YIQ	151.4860, -36.3590, 3.6490

# Conversions

## Conversions Part 2

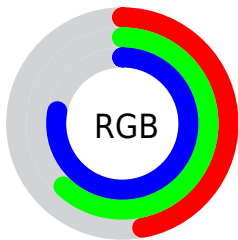
Format	Color
<a href="#">RYB</a>	<a href="#">119, 146, 198</a>
Decimal	<a href="#">7839686</a>
CIELab	<a href="#">63.99, -3.62, -24.36</a>
CIElCh	<a href="#">64, 24.625, 261.541</a>
Yxy	<a href="#">32.7954, 0.2493, 0.2707</a>
Android (android.graphics.Color)	<a href="#">4286029766</a> ( <a href="#">0xFF779FC6</a> )
YUV	<a href="#">151.4860, 22.9314, -28.4902</a>
Hunter-Lab	<a href="#">57.2673, -6.0888, -20.1319</a>

# Details

The Hex color **779FC6** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **C69E77**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **AED6FF**, and **426C90** is the 20% darker color. If you saturate the color by 10%, you get **6395C6**, and if you desaturate by 10%, it is **8BA9C6**.

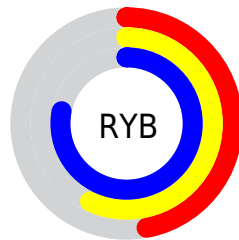
# Distribution



Red (47%)

Green (62%)

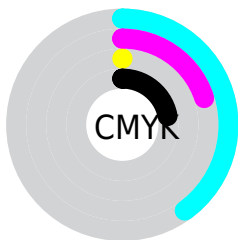
Blue (78%)



Red (47%)

Yellow (57%)

Blue (78%)

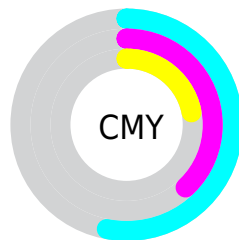


Cyan (40%)

Magenta (20%)

Yellow (0%)

Black (22%)



Cyan (53%)

Magenta (38%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 779FC6 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 779FC6 by changing the saturation by 10% instead.



■ 779FC6

■ 779FC6

FFFFFF

■ 5C85AB

■ AED6FF

■ 426C90

■ CAF2FF

■ 265476

■ E7FFFF

■ 013D5D

■ 002746

■ 00122F

■ 00011A

■ 000000

■ 779FC6

■ 779FC6

6395C6

8BA9C6

4F8BC6

9FB3C6

3C82C6

B2BCC6

2878C6

C6C6C6

146EC6

DAD0C6

0064C6

EEDAC6

FFE3C6

FFEDC6

FFF7C6

# Harmonies

## Analogous

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



5FA4BD



779FC6



9698C4

# Triad

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



779FC6



C88C8C



81A47F

# Complementary

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



779FC6



C69E77

# 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.



9A9F72



779FC6



C1907A

# Square

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



779FC6



C38CA2



B19870



69A794

# Rectangle

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



779FC6



A993BC



B19870



8AA27A

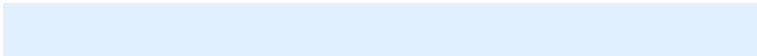


# Sweetspot

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



779FC6



E0F0FF



77C69D



6E7780



000000



808080

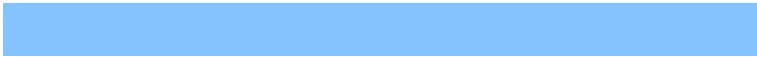


# Same Dimension

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



779FC6



85C3FF



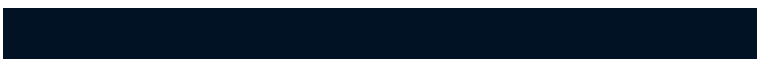
7778C6



5A5F63



0053A3



001224



# Inverse Universe

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



C6779F



FF85C3



C6C577



635A5F



A30053

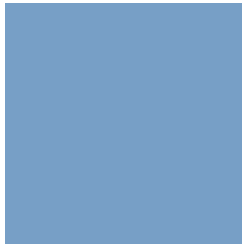


240012



# Previews

## White Background



This preview shows how the Hex color 779FC6 looks on a white background.

## Color Contrast Check

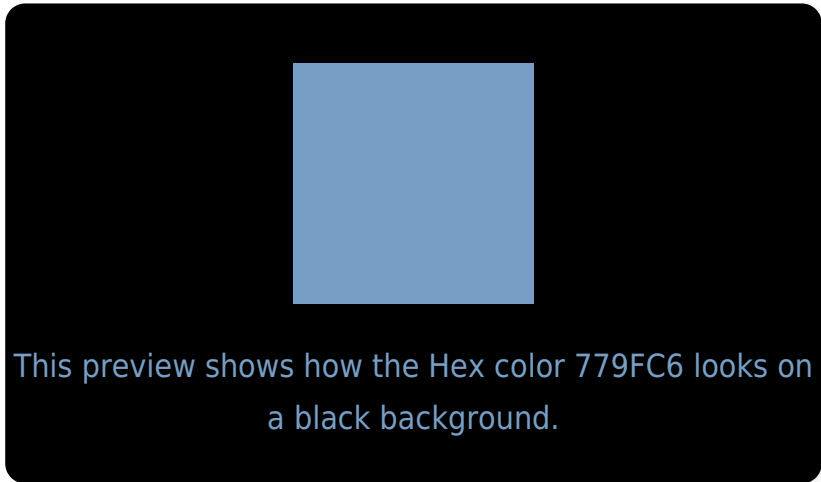
Large Text (above 18pt) WCAG AA × Fail

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

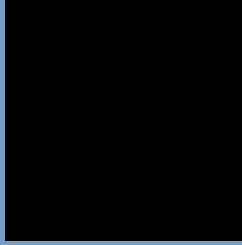
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

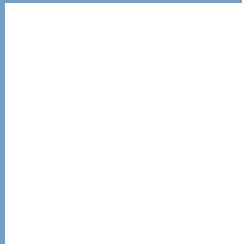
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 779FC6 Background



This preview shows how black text looks on a background with the Hex color 779FC6.



This preview shows how white text looks on a background with the Hex color 779FC6.

# 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](#).

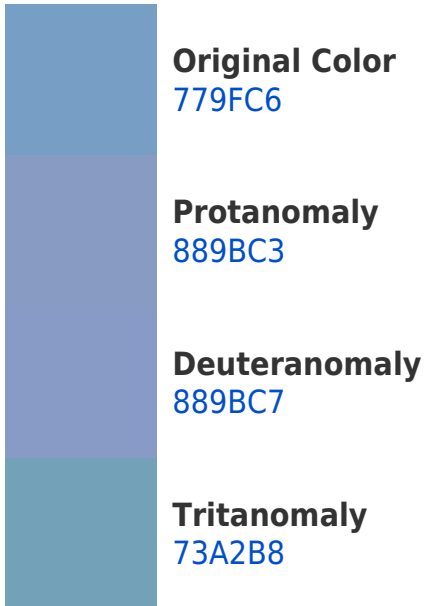
## Dichromacy



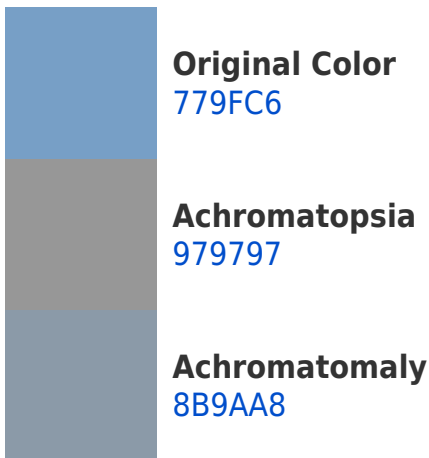


**Tritanopia**  
71A3B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 779FC6 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 #779FC6 looks like.

```
.text, #text, p{  
    color:#779FC6  
}
```

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 #779FC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #779FC6
}
```

## Border

The CSS property to change the border of an element to Hex 779FC6 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
#779FC6 }
```

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

```
.border{ border-color:#779FC6 }
```

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

Here you see how a box with a 4 pixel #779FC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #779FC6; -webkit-box-shadow:4px 4px  
4px 4px #779FC6; box-shadow:4px 4px 4px  
4px #779FC6 }
```

# Background

The CSS property to change the background color of an element to Hex 779FC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#779FC6 }
```

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

```
.background{ background-color:#779FC6 }
```

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