

# Converting Colors

Hex(769FCC)

Have a look what the booklet for  
Hex(769FCC) contains.

<b>Hex(769FCC)</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(769FCC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	769FCC
RGB	118, 159, 204
RGB Percent	46%, 62%, 80%
CMY	0.5373, 0.3765, 0.2000
CMYK	0.42, 0.22, 0.00, 0.20
HSL	211°, 46%, 63%
HSV	211°, 42%, 80%
XYZ	30.7684, 33.0075, 61.8761
YIQ	151.8710, -38.8810, 5.3030

# Conversions

## Conversions Part 2

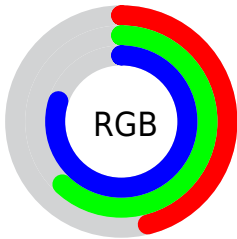
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	118, 146, 204
Decimal	7774156
CIE Lab	64.17, -2.23, -27.44
CIE LCh	64, 27.532, 265.349
Yxy	33.0075, 0.2449, 0.2627
Android (android.graphics.Color)	4285964236 (0xFF769FCC)
YUV	151.8710, 25.6996, -29.7049
Hunter-Lab	57.4521, -4.9457, -23.6391

# Details

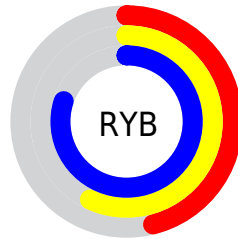
The Hex color **769FCC** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **CCA376**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **ADD6FF**, and **406C96** is the 20% darker color. If you saturate the color by 10%, you get **6294CC**, and if you desaturate by 10%, it is **8AAACC**.

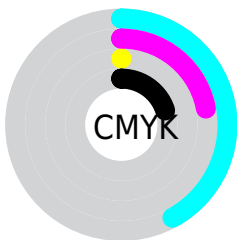
# Distribution



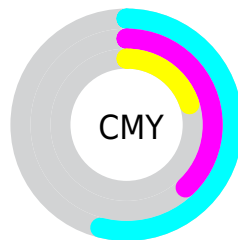
- Red (46%)
- Green (62%)
- Blue (80%)



- Red (46%)
- Yellow (57%)
- Blue (80%)



- Cyan (42%)
- Magenta (22%)
- Yellow (0%)
- Black (20%)



- Cyan (54%)
- Magenta (38%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 769FCC 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 769FCC by changing the saturation by 10% instead.



 769FCC

 769FCC

FFFFFF

 5B85B0

 ADD6FF

 406C96

 CAF2FF

 23547C

 E6FFFF

 003D63

 00274B

 001334

 00021E

 000000

 769FCC

 769FCC

■ 6294CC

■ 8AAACC

■ 4D8ACC

■ 9FB4CC

■ 397FCC

■ B3BFCC

■ 2474CC

■ C8CACC

■ 106ACC

■ DCD4CC

■ 0061CC

■ F0DFCC

■ FFEACC

■ FFF4CC

■ FFFFCC

# Harmonies

## Analogous

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



57A5C3



769FCC



9A97C8

# Triad

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



769FCC



CD8A88



7BA67F

# Complementary

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



769FCC



CCA376

# 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.



97A06F



769FCC



C49074

# Square

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



769FCC



C98AA0



B0996B



5FA997

# Rectangle

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



769FCC



AF91BE



B0996B



84A478

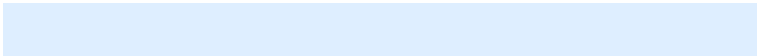


# Sweetspot

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



769FCC



DEEEFF



76CCA2



6B7580



000000



808080

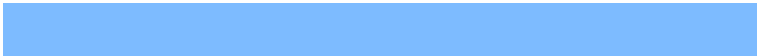


# Same Dimension

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



769FCC



7DBBFF



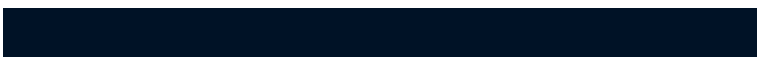
7776CC



5C6166



004FA6



001226



# Inverse Universe

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



CC769F



FF7DBB



CBCC76



665C61



A6004F



260012



# Previews

## White Background



This preview shows how the Hex color 769FCC looks on a white background.

## Color Contrast Check

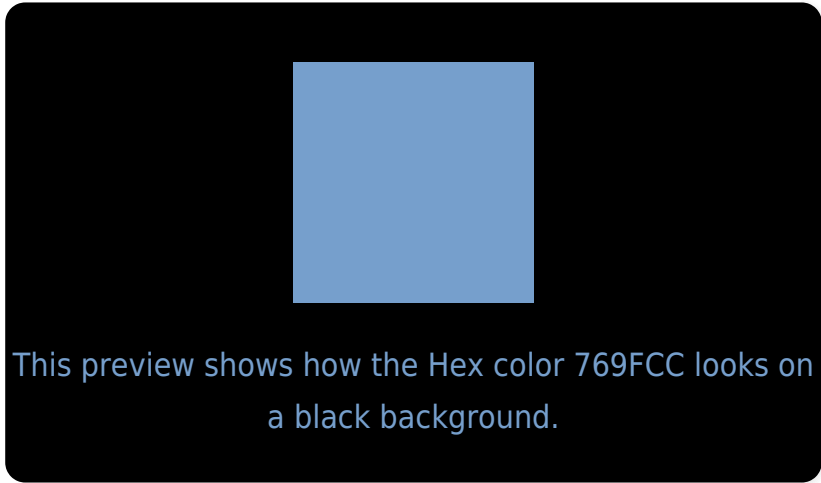
Large Text (above 18pt) WCAG AA × Fail

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

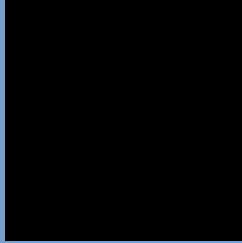
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

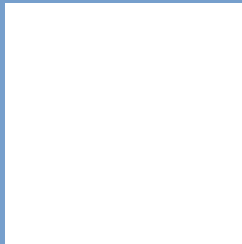
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 769FCC Background



This preview shows how black text looks on a background with the Hex color 769FCC.

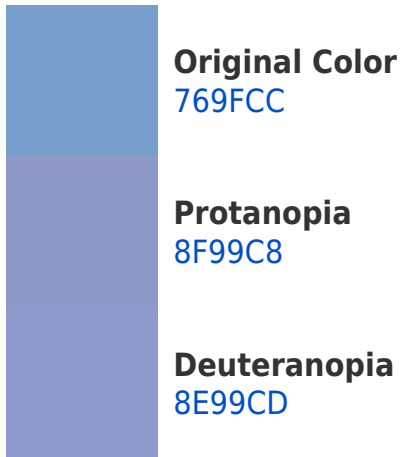


This preview shows how white text looks on a background with the Hex color 769FCC.

# 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](#).

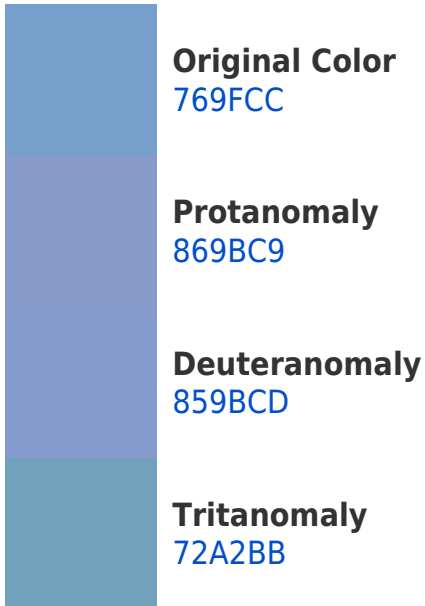
## Dichromacy



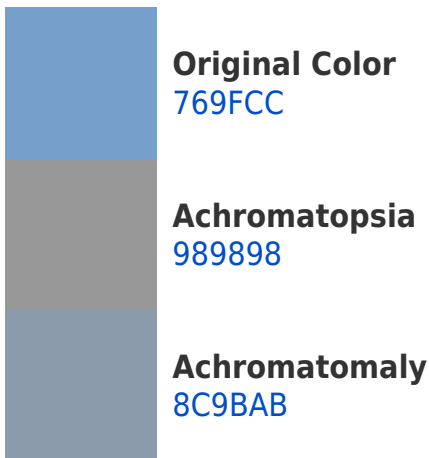


**Tritanopia**  
6FA4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 769FCC 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 #769FCC looks like.

```
.text, #text, p{  
    color:#769FCC  
}
```

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 #769FCC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #769FCC
}
```

## Border

The CSS property to change the border of an element to Hex 769FCC 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
#769FCC }
```

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

```
.border{ border-color:#769FCC }
```

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

Here you see how a box with a 4 pixel #769FCC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #769FCC; -webkit-box-shadow:4px 4px  
4px 4px #769FCC; box-shadow:4px 4px 4px  
4px #769FCC }
```

# Background

The CSS property to change the background color of an element to Hex 769FCC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#769FCC }
```

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

```
.background{ background-color:#769FCC }
```

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