

# Converting Colors

Hex(719FCC)

Have a look what the booklet for  
Hex(719FCC) contains.

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# **Color**

**Hex(719FCC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	719FCC
RGB	113, 159, 204
RGB Percent	44%, 62%, 80%
CMY	0.5569, 0.3765, 0.2000
CMYK	0.45, 0.22, 0.00, 0.20
HSL	210°, 47%, 62%
HSV	210°, 45%, 80%
XYZ	30.1073, 32.6666, 61.8452
YIQ	150.3760, -41.8610, 4.2430

# Conversions

## Conversions Part 2

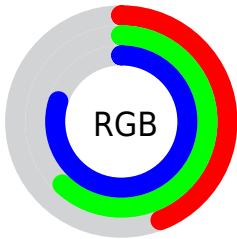
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	113, 144, 204
Decimal	7446476
CIE Lab	63.89, -3.52, -27.89
CIE LCh	64, 28.112, 262.815
Yxy	32.6666, 0.2416, 0.2621
Android (android.graphics.Color)	4285636556 (0xFF719FCC)
YUV	150.3760, 26.4366, -32.7788
Hunter-Lab	57.1547, -5.9927, -24.1474

# Details

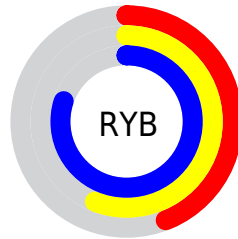
The Hex color **719FCC** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **CC9E71**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **A8D6FF**, and **3A6C96** is the 20% darker color. If you saturate the color by 10%, you get **5D95CC**, and if you desaturate by 10%, it is **85A9CC**.

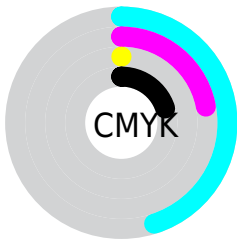
# Distribution



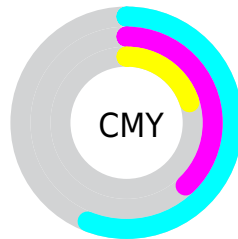
- Red (44%)
- Green (62%)
- Blue (80%)



- Red (44%)
- Yellow (56%)
- Blue (80%)



- Cyan (45%)
- Magenta (22%)
- Yellow (0%)
- Black (20%)



- Cyan (56%)
- Magenta (38%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 719FCC 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 719FCC by changing the saturation by 10% instead.



■ 719FCC

■ 719FCC

FFFFFF

■ 5685B0

■ A8D6FF

■ 3A6C96

■ C5F2FF

■ 1A547C

■ E2FFFF

■ 003D63

■ 00274B

■ 001334

■ 00021E

■ 000000

■ 719FCC

■ 719FCC

■ 5D95CC

■ 85A9CC

■ 488BCC

■ 9AB3CC

■ 3481CC

■ AEBDCC

■ 1F77CC

■ C3C7CC

■ 0B6DCC

■ D7D1CC

■ 0067CC

■ EBDCCC

■ FFE6CC

■ FFF0CC

■ FFFACC

# Harmonies

## Analogous

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



52A5C2



719FCC



9696C9

# Triad

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



719FCC



CD8989



7CA57C

# Complementary

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



719FCC



CC9E71

# 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.



999F6C



719FCC



C58F74

# Square

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



719FCC



C889A2



B29769



5FA894

# Rectangle

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



719FCC



AC91C0



B29769



86A375

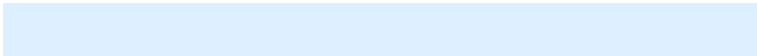


# Sweetspot

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



719FCC



DEEFFF



71CC9D



6B7580



000000



808080

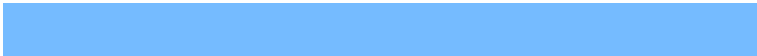


# Same Dimension

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



719FCC



75BBFF



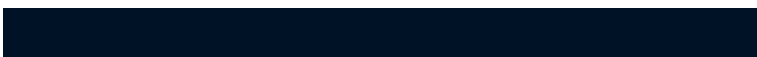
7173CC



5C6166



0054A6



001326



# Inverse Universe

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



CC719F



FF75BB



CCCA71



665C61



A60054



260013



# Previews

## White Background



This preview shows how the Hex color 719FCC looks on a white background.

## Color Contrast Check

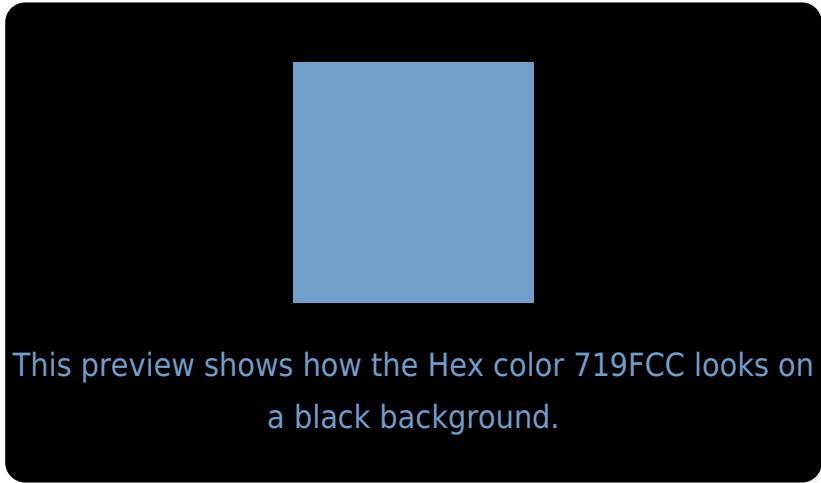
Large Text (above 18pt) WCAG AA × Fail

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

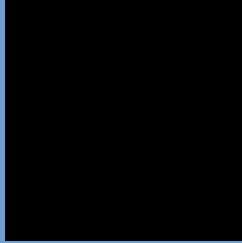
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

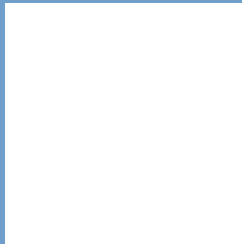
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 719FCC Background



This preview shows how black text looks on a background with the Hex color 719FCC.

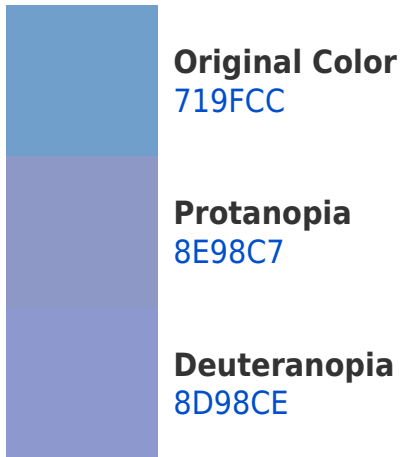


This preview shows how white text looks on a background with the Hex color 719FCC.

# 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](#).

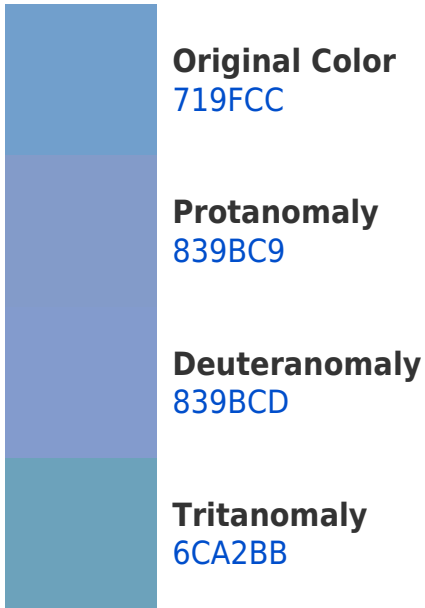
## Dichromacy



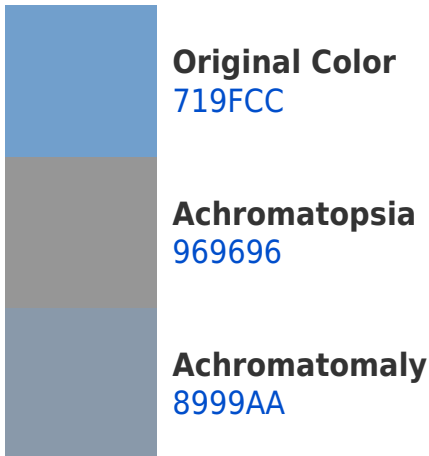


**Tritanopia**  
69A4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 719FCC 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 #719FCC looks like.

```
.text, #text, p{  
    color:#719FCC  
}
```

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 #719FCC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #719FCC
}
```

## Border

The CSS property to change the border of an element to Hex 719FCC 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
#719FCC }
```

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

```
.border{ border-color:#719FCC }
```

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

Here you see how a box with a 4 pixel #719FCC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #719FCC; -webkit-box-shadow:4px 4px  
4px 4px #719FCC; box-shadow:4px 4px 4px  
4px #719FCC }
```

# Background

The CSS property to change the background color of an element to Hex 719FCC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#719FCC }
```

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

```
.background{ background-color:#719FCC }
```

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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