

Converting Colors

Hex(749FC6)

Have a look what the booklet for
Hex(749FC6) contains.

Hex(749FC6)	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(749FC6)

Conversions

Conversions Part 1

Format	Color
Hex	749FC6
RGB	116, 159, 198
RGB Percent	45%, 62%, 78%
CMY	0.5451, 0.3765, 0.2235
CMYK	0.41, 0.20, 0.00, 0.22
HSL	209°, 42%, 62%
HSV	209°, 41%, 78%
XYZ	29.7936, 32.5865, 58.1456
YIQ	150.5890, -38.1470, 3.0130

Conversions

Conversions Part 2

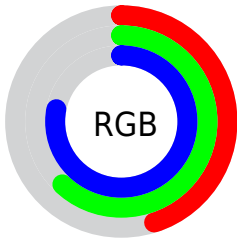
Format	Color
R _Y B	116, 144, 198
Decimal	7643078
CIE Lab	63.82, -4.42, -24.63
CIE LCh	64, 25.027, 259.823
Yxy	32.5865, 0.2472, 0.2704
Android (android.graphics.Color)	4285833158 (0xFF749FC6)
YUV	150.5890, 23.3736, -30.3346
Hunter-Lab	57.0846, -6.7351, -20.4328

Details

The Hex color **749FC6** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **C69B74**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **ABD6FF**, and **3E6C90** is the 20% darker color. If you saturate the color by 10%, you get **6096C6**, and if you desaturate by 10%, it is **88A8C6**.

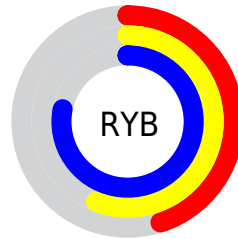
Distribution



Red (45%)

Green (62%)

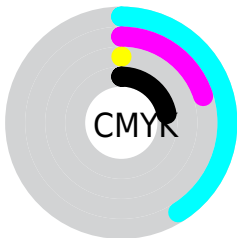
Blue (78%)



Red (45%)

Yellow (56%)

Blue (78%)

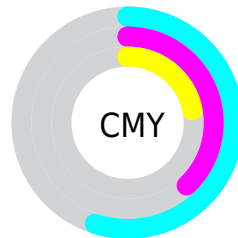


Cyan (41%)

Magenta (20%)

Yellow (0%)

Black (22%)



Cyan (55%)

Magenta (38%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 749FC6 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 749FC6 by changing the saturation by 10% instead.

■ 749FC6

■ 749FC6

FFFFFF

■ 5985AB

■ ABD6FF

■ 3E6C90

■ C7F2FF

■ 225476

■ E4FFFF

■ 003D5D

■ 002746

■ 00122F

■ 00011A

■ 000000

■ 749FC6

■ 749FC6

6096C6

88A8C6

4C8CC6

9CB2C6

3983C6

AFBBC6

2579C6

C3C5C6

1170C6

D7CEC6

0068C6

EBD8C6

FFE1C6

FFEAC6

FFF4C6

Harmonies

Analogous

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



5CA4BC



749FC6



9498C4

Triad

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



749FC6



C88B8D



82A37D

Complementary

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



749FC6



C69B74

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.



9B9E70



749FC6



C28F79

Square

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



749FC6



C28BA3



B2976F



69A792

Rectangle

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



749FC6



A792BD



B2976F



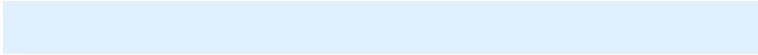
8BA278

Sweetspot

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



749FC6



E0F0FF



74C69A



6E7780



000000



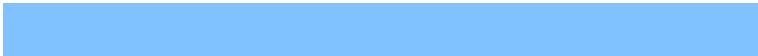
808080

Same Dimension

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



749FC6



80C2FF



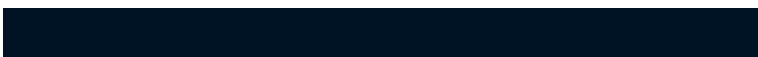
7477C6



5A5F63



0056A3



001324

Inverse Universe

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



C6749F



FF80C2



C6C374



635A5F



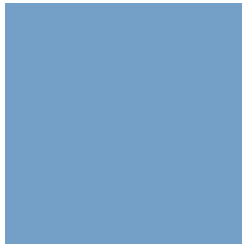
A30056



240013

Previews

White Background



This preview shows how the Hex color 749FC6 looks on a white background.

Color Contrast Check

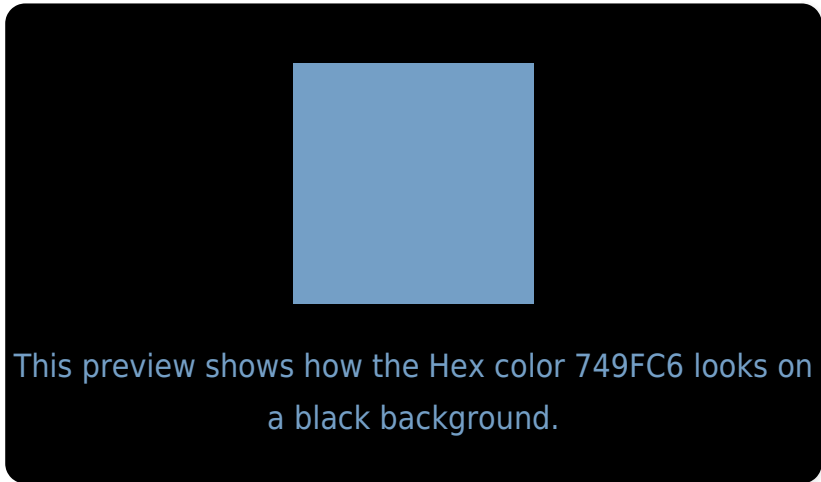
Large Text (above 18pt) WCAG AA × Fail

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

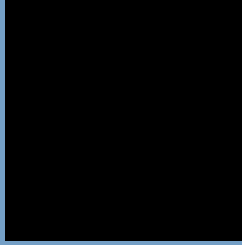
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

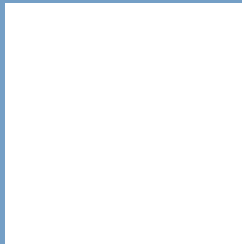
Any Text WCAG AAA ✓ Pass

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

Hex 749FC6 Background



This preview shows how black text looks on a background with the Hex color 749FC6.



This preview shows how white text looks on a background with the Hex color 749FC6.

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](#).

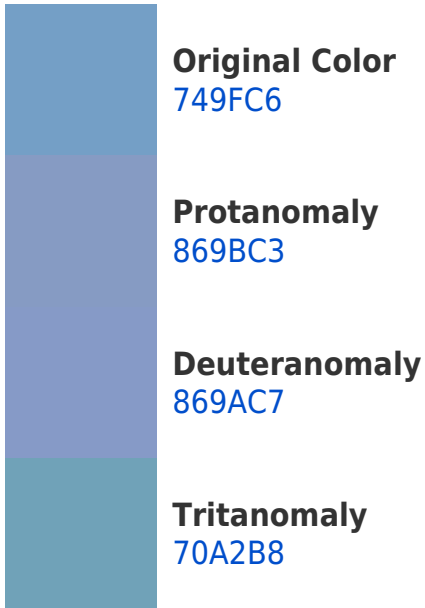
Dichromacy



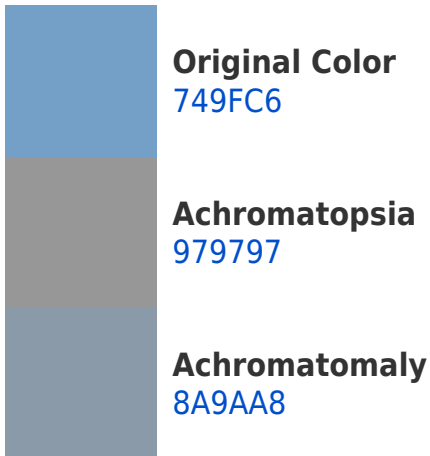


Tritanopia
6EA3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 749FC6 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 #749FC6 looks like.

```
.text, #text, p{  
    color:#749FC6  
}
```

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 #749FC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #749FC6  
}
```

Border

The CSS property to change the border of an element to Hex 749FC6 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  
#749FC6 }
```

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

```
.border{ border-color:#749FC6 }
```

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

Here you see how a box with a 4 pixel #749FC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #749FC6; -webkit-box-shadow:4px 4px  
4px 4px #749FC6; box-shadow:4px 4px 4px  
4px #749FC6 }
```

Background

The CSS property to change the background color of an element to Hex 749FC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#749FC6 }
```

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

```
.background{ background-color:#749FC6 }
```

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