

Converting Colors

Hex(759FC1)

Have a look what the booklet for
Hex(759FC1) contains.

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Color

Hex(759FC1)

Conversions

Conversions Part 1

Format	Color
Hex	759FC1
RGB	117, 159, 193
RGB Percent	46%, 62%, 76%
CMY	0.5412, 0.3765, 0.2431
CMYK	0.39, 0.18, 0.00, 0.24
HSL	207°, 38%, 61%
HSV	207°, 39%, 76%
XYZ	29.3599, 32.4284, 55.1640
YIQ	150.3180, -35.9460, 1.6700

Conversions

Conversions Part 2

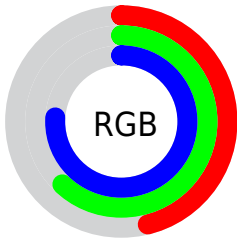
Format	Color
R_{YB}	117, 144, 193
Decimal	7708609
CIE _{Lab}	63.70, -5.52, -22.03
CIE _{LCh}	64, 22.714, 255.933
Yxy	32.4284, 0.2510, 0.2773
Android (android.graphics.Color)	4285898689 (0xFF759FC1)
YUV	150.3180, 21.0422, -29.2199
Hunter-Lab	56.9460, -7.6254, -17.5725

Details

The Hex color **759FC1** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **C19775**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **ACD6FA**, and **406C8B** is the 20% darker color. If you saturate the color by 10%, you get **6296C1**, and if you desaturate by 10%, it is **88A8C1**.

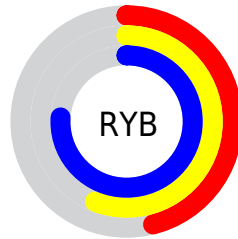
Distribution



Red (46%)

Green (62%)

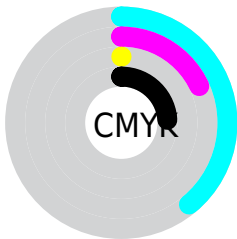
Blue (76%)



Red (46%)

Yellow (56%)

Blue (76%)

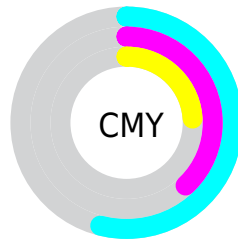


Cyan (39%)

Magenta (18%)

Yellow (0%)

Black (24%)



Cyan (54%)

Magenta (38%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 759FC1 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 759FC1 by changing the saturation by 10% instead.

■ 759FC1

■ 759FC1

FFFFFF

■ 5A85A6

■ ACD6FA

■ 406C8B

■ C8F2FF

■ 255472

■ E4FFFF

■ 003C59

■ 002742

■ 00122B

■ 000116

■ 000000

■ 759FC1

■ 759FC1

■ 6296C1

■ 88A8C1

■ 4E8EC1

■ 9CB0C1

■ 3B85C1

■ AFB9C1

■ 287CC1

■ C2C2C1

■ 1574C1

■ D5CAC1

■ 016BC1

■ E9D3C1

■ 006BC1

■ FCDBC1

■ FFE4C1

■ FFEDC1

Harmonies

Analogous

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



62A4B7



759FC1



9198C1

Triad

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



759FC1



C48C90



87A27E

Complementary

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



759FC1



C19775

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.



9E9C73



759FC1



C08F7E

Square

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



759FC1



BD8DA5



B29673



71A590

Rectangle

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



759FC1



A394BB



B29673



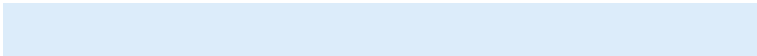
8FA079

Sweetspot

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



759FC1



DCECFA



75C196



6B757D



FCFCFC



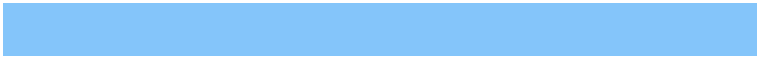
7D7D7D

Same Dimension

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



759FC1



84C5FA



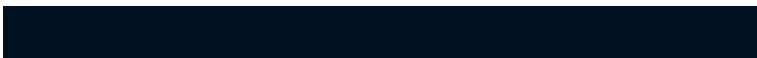
757AC1



575D61



0059A1



001221

Inverse Universe

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



C1759F



FA84C5



C1BC75



61575D



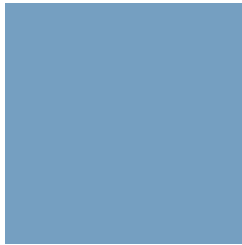
A10059



210012

Previews

White Background



This preview shows how the Hex color 759FC1 looks on a white background.

Color Contrast Check

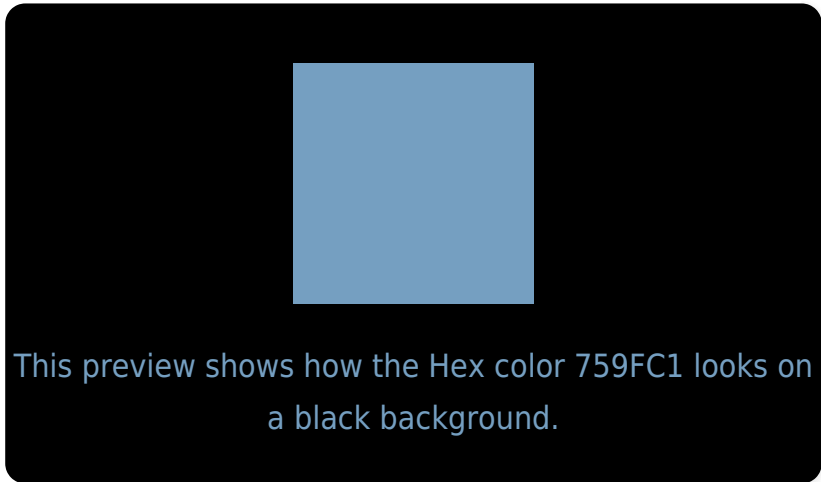
Large Text (above 18pt) WCAG AA × Fail

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

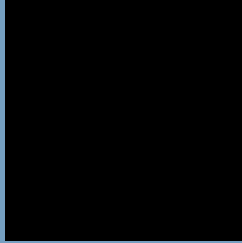
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

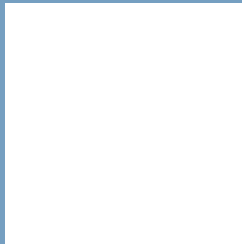
Any Text WCAG AAA ✓ Pass

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

Hex 759FC1 Background



This preview shows how black text looks on a background with the Hex color 759FC1.



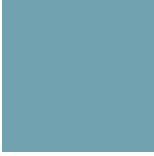
This preview shows how white text looks on a background with the Hex color 759FC1.

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](#).

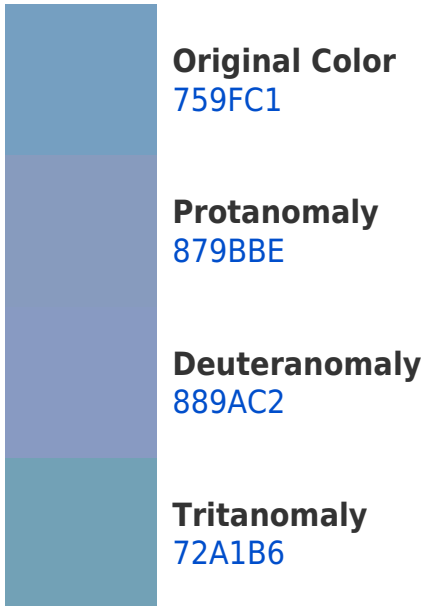
Dichromacy



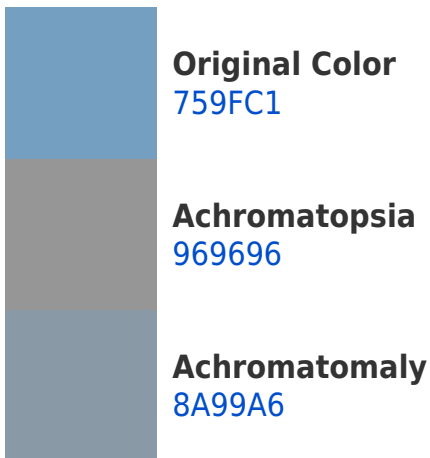


Tritanopia
70A2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 759FC1 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 #759FC1 looks like.

```
.text, #text, p{  
    color:#759FC1  
}
```

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 #759FC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #759FC1
}
```

Border

The CSS property to change the border of an element to Hex 759FC1 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
#759FC1 }
```

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

```
.border{ border-color:#759FC1 }
```

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

Here you see how a box with a 4 pixel #759FC1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #759FC1; -webkit-box-shadow:4px 4px  
4px 4px #759FC1; box-shadow:4px 4px 4px  
4px #759FC1 }
```

Background

The CSS property to change the background color of an element to Hex 759FC1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#759FC1 }
```

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

```
.background{ background-color:#759FC1 }
```

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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