

Converting Colors

Hex(759CC1)

Have a look what the booklet for
Hex(759CC1) contains.

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Color

Hex(759CC1)

Conversions

Conversions Part 1

Format	Color
Hex	759CC1
RGB	117, 156, 193
RGB Percent	46%, 61%, 76%
CMY	0.5412, 0.3882, 0.2431
CMYK	0.39, 0.19, 0.00, 0.24
HSL	209°, 38%, 61%
HSV	209°, 39%, 76%
XYZ	28.8502, 31.4091, 54.9941
YIQ	148.5570, -35.1210, 3.2390

Conversions

Conversions Part 2

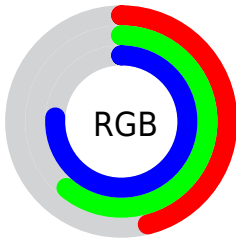
Format	Color
R _Y B	117, 143, 193
Decimal	7707841
CIE Lab	62.85, -3.85, -23.32
CIE LCh	63, 23.640, 260.626
Yxy	31.4091, 0.2503, 0.2725
Android (android.graphics.Color)	4285897921 (0xFF759CC1)
YUV	148.5570, 21.9104, -27.6755
Hunter-Lab	56.0438, -6.1885, -18.9488

Details

The Hex color **759CC1** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **C19A75**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **ACD2FA**, and **40698B** is the 20% darker color. If you saturate the color by 10%, you get **6293C1**, and if you desaturate by 10%, it is **88A5C1**.

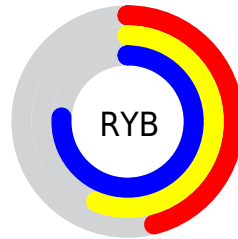
Distribution



Red (46%)

Green (61%)

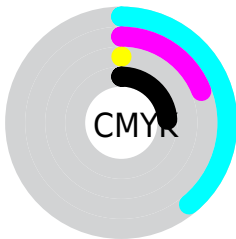
Blue (76%)



Red (46%)

Yellow (56%)

Blue (76%)

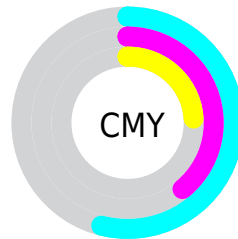


Cyan (39%)

Magenta (19%)

Yellow (0%)

Black (24%)



Cyan (54%)

Magenta (39%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 759CC1 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 759CC1 by changing the saturation by 10% instead.

■ 759CC1

■ 759CC1

FFFFFF

■ 5B82A6

■ ACD2FA

■ 40698B

■ C8EFFF

■ 255172

■ E4FFFF

■ 013A59

■ 002542

■ 000F2B

■ 000116

■ 000000

■ 759CC1

■ 759CC1

6293C1

88A5C1

4E89C1

9CAFC1

3B80C1

AFB8C1

2876C1

C2C2C1

156DC1

D5CBC1

0164C1

E9D4C1

0063C1

FCDEC1

FFE7C1

FFF1C1

Harmonies

Analogous

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



5EA1B8



759CC1



9295BF

Triad

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



759CC1



C3898A



80A17D

Complementary

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



759CC1



C19A75

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.



989B70



759CC1



BD8E78

Square

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



759CC1



BE89A0



AE946F



69A390

Rectangle

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



759CC1



A590B8



AE946F



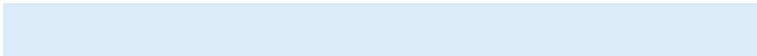
889F78

Sweetspot

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



759CC1



DCEBFA



75C19A



6B747D



FCFCFC



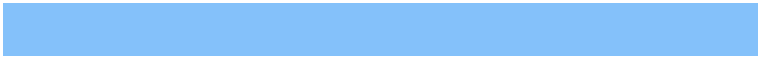
7D7D7D

Same Dimension

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



759CC1



84C1FA



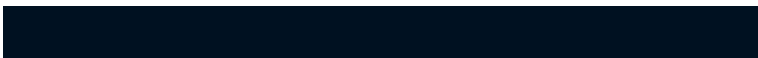
7576C1



575C61



0052A1



001121

Inverse Universe

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



C1759C



FA84C1



C1C075



61575C



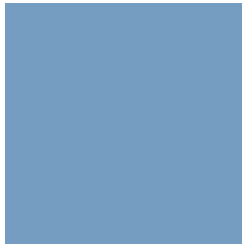
A10052



210011

Previews

White Background



This preview shows how the Hex color 759CC1 looks on a white background.

Color Contrast Check

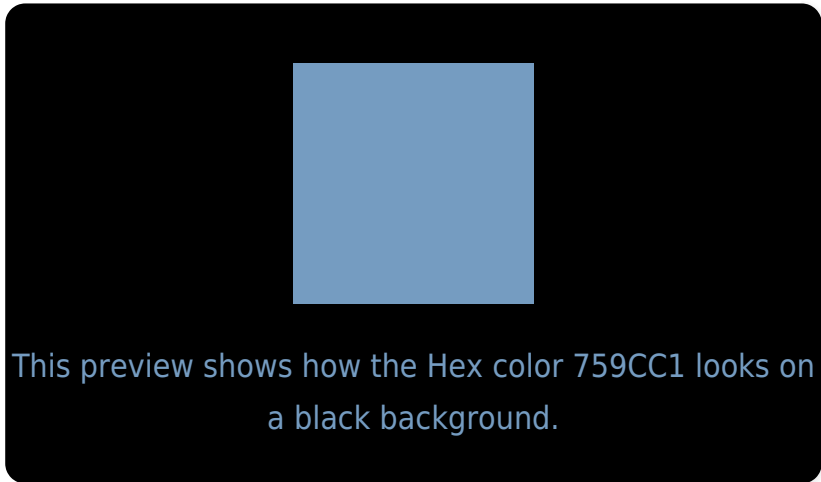
Large Text (above 18pt) WCAG AA × Fail

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

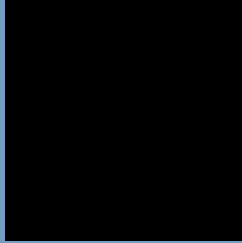
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

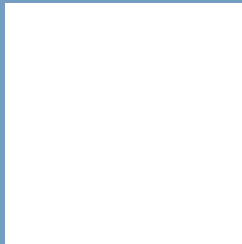
Any Text WCAG AAA ✓ Pass

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

Hex 759CC1 Background



This preview shows how black text looks on a background with the Hex color 759CC1.

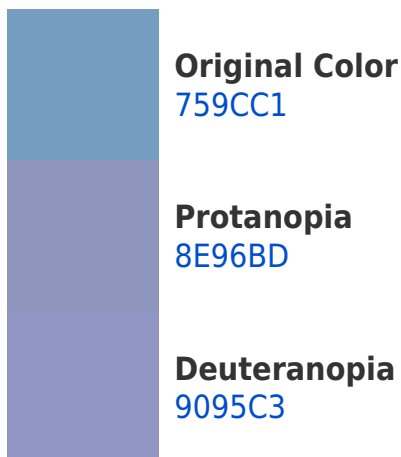


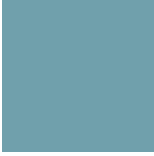
This preview shows how white text looks on a background with the Hex color 759CC1.

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](#).

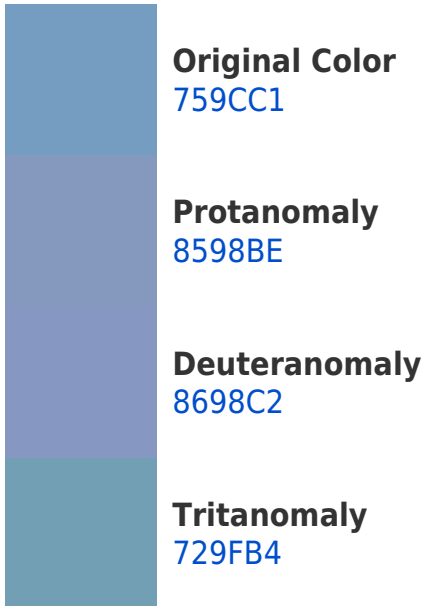
Dichromacy



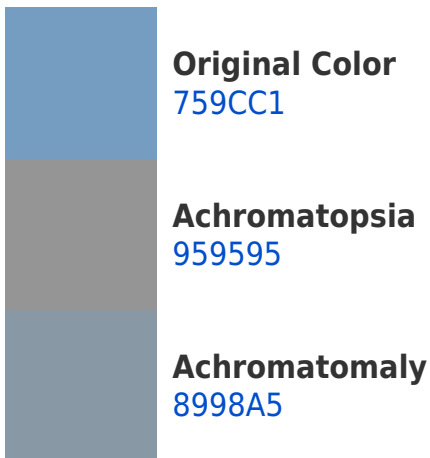


Tritanopia
70A0AC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 759CC1 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 #759CC1 looks like.

```
.text, #text, p{  
    color:#759CC1  
}
```

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 #759CC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #759CC1
}
```

Border

The CSS property to change the border of an element to Hex 759CC1 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
#759CC1 }
```

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

```
.border{ border-color:#759CC1 }
```

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

Here you see how a box with a 4 pixel #759CC1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #759CC1; -webkit-box-shadow:4px 4px  
4px 4px #759CC1; box-shadow:4px 4px 4px  
4px #759CC1 }
```

Background

The CSS property to change the background color of an element to Hex 759CC1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#759CC1 }
```

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

```
.background{ background-color:#759CC1 }
```

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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