

# Converting Colors

Hex(759EC7)

Have a look what the booklet for  
Hex(759EC7) contains.

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# **Color**

**Hex(759EC7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	759EC7
RGB	117, 158, 199
RGB Percent	46%, 62%, 78%
CMY	0.5412, 0.3804, 0.2196
CMYK	0.41, 0.21, 0.00, 0.22
HSL	210°, 42%, 62%
HSV	210°, 41%, 78%
XYZ	29.8718, 32.3591, 58.7044
YIQ	150.4150, -37.5970, 4.0590

# Conversions

## Conversions Part 2

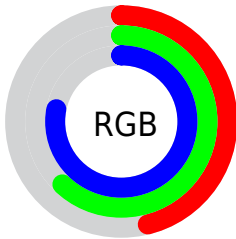
Format	Color
<a href="#">RYB</a>	<a href="#">117, 144, 199</a>
Decimal	<a href="#">7708359</a>
CIELab	<a href="#">63.64, -3.32, -25.47</a>
CIELCh	<a href="#">64, 25.688, 262.567</a>
Yxy	<a href="#">32.3591, 0.2470, 0.2676</a>
Android (android.graphics.Color)	<a href="#">4285898439 (0xFF759EC7)</a>
YUV	<a href="#">150.4150, 23.9524, -29.3050</a>
Hunter-Lab	<a href="#">56.8851, -5.8141, -21.3666</a>

# Details

The Hex color **759EC7** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **C79E75**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **ACD5FF**, and **3F6B91** is the 20% darker color. If you saturate the color by 10%, you get **6194C7**, and if you desaturate by 10%, it is **89A8C7**.

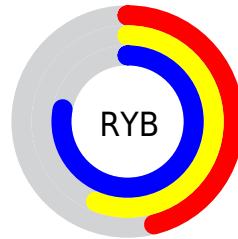
# Distribution



Red (46%)

Green (62%)

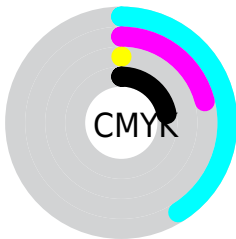
Blue (78%)



Red (46%)

Yellow (56%)

Blue (78%)

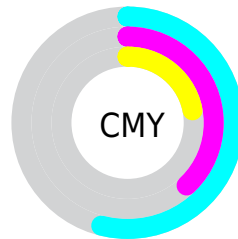


Cyan (41%)

Magenta (21%)

Yellow (0%)

Black (22%)



Cyan (54%)

Magenta (38%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 759EC7 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 759EC7 by changing the saturation by 10% instead.



■ 759EC7

■ 759EC7

FFFFFF

■ 5A84AC

■ ACD5FF

■ 3F6B91

■ C8F1FF

■ 235377

■ E5FFFF

■ 003C5E

■ 002646

■ 001130

■ 00011B

■ 000000

■ 759EC7

■ 759EC7

6194C7

89A8C7

4D8AC7

9DB2C7

3980C7

B1BCC7

2576C7

C5C6C7

116CC7

D9D0C7

0064C7

ECDAC7

FFE4C7

FFEEC7

FFF8C7

# Harmonies

## Analogous

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



5AA4BE



759EC7



9696C4

# Triad

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



759EC7



C88A8A



7EA47E

# Complementary

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



759EC7



C79E75

# 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.



999E70



759EC7



C18F77

# Square

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



759EC7



C48AA1



B0976D



65A793

# Rectangle

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



759EC7



AA91BC



B0976D



87A278

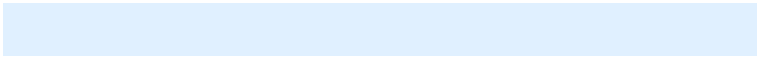


# Sweetspot

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



759EC7



E0F0FF



75C79E



6E7780



000000



808080

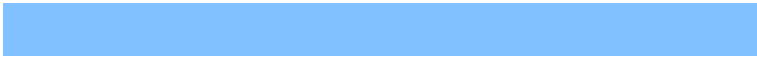


# Same Dimension

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



759EC7



82C1FF



7575C7



5A5E63



0052A3



001224



# Inverse Universe

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



C7759E



FF82C1



C7C775



635A5E



A30052

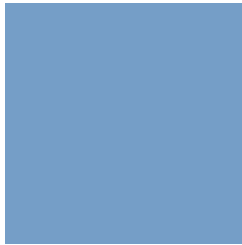


240012



# Previews

## White Background



This preview shows how the Hex color 759EC7 looks on a white background.

## Color Contrast Check

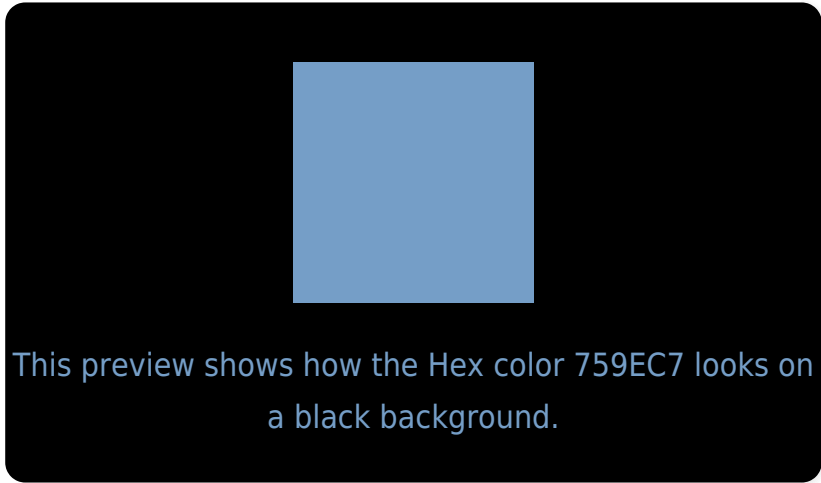
Large Text (above 18pt) WCAG AA × Fail

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

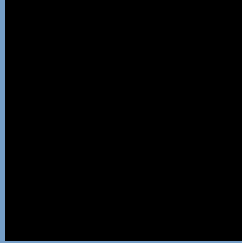
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

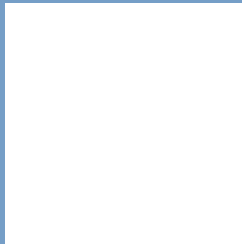
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 759EC7 Background



This preview shows how black text looks on a background with the Hex color 759EC7.

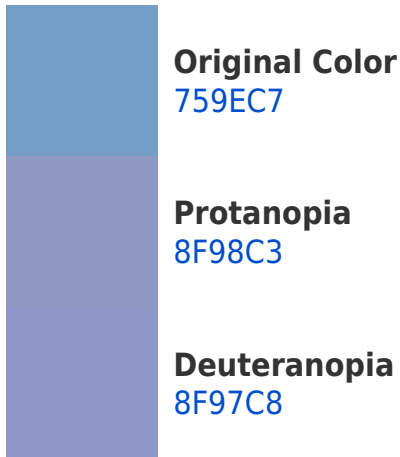


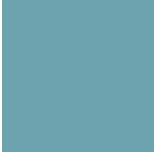
This preview shows how white text looks on a background with the Hex color 759EC7.

# 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](#).

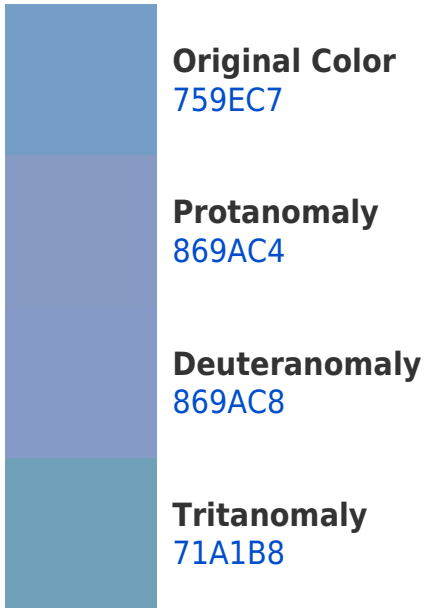
## Dichromacy



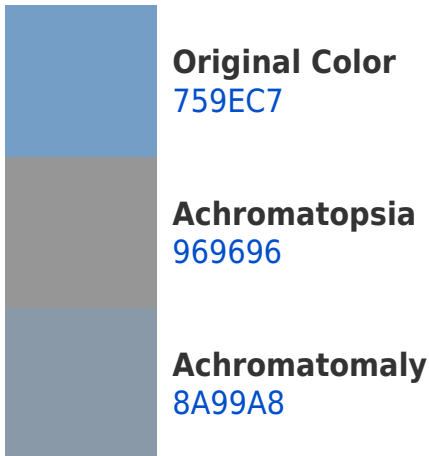


**Tritanopia**  
6FA2AF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 759EC7 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 #759EC7 looks like.

```
.text, #text, p{  
    color:#759EC7  
}
```

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 #759EC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #759EC7
}
```

## Border

The CSS property to change the border of an element to Hex 759EC7 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
#759EC7 }
```

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

```
.border{ border-color:#759EC7 }
```

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

Here you see how a box with a 4 pixel #759EC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #759EC7; -webkit-box-shadow:4px 4px  
4px 4px #759EC7; box-shadow:4px 4px 4px  
4px #759EC7 }
```

# Background

The CSS property to change the background color of an element to Hex 759EC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#759EC7 }
```

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

```
.background{ background-color:#759EC7 }
```

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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