

# Converting Colors

Hex(769EC2)

Have a look what the booklet for  
Hex(769EC2) contains.

<b>Hex(769EC2)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(769EC2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	769EC2
RGB	118, 158, 194
RGB Percent	46%, 62%, 76%
CMY	0.5373, 0.3804, 0.2392
CMYK	0.39, 0.19, 0.00, 0.24
HSL	208°, 38%, 61%
HSV	208°, 39%, 76%
XYZ	29.4357, 32.2003, 55.7028
YIQ	150.1440, -35.3960, 2.7160

# Conversions

## Conversions Part 2

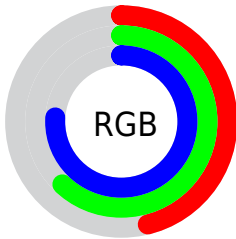
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 144, 194
Decimal	7773890
CIE <sub>Lab</sub>	63.51, -4.42, -22.87
CIE <sub>LCh</sub>	64, 23.297, 259.056
Yxy	32.2003, 0.2509, 0.2744
Android (android.graphics.Color)	4285963970 (0xFF769EC2)
YUV	150.1440, 21.6210, -28.1903
Hunter-Lab	56.7453, -6.7104, -18.4790

# Details

The Hex color **769EC2** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **C29A76**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **ADD5FB**, and **416B8C** is the 20% darker color. If you saturate the color by 10%, you get **6395C2**, and if you desaturate by 10%, it is **89A7C2**.

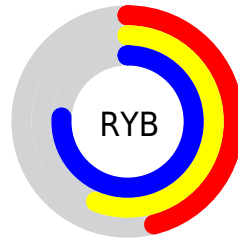
# Distribution



Red (46%)

Green (62%)

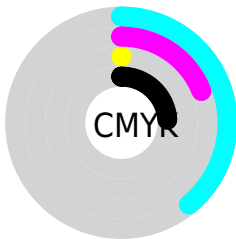
Blue (76%)



Red (46%)

Yellow (56%)

Blue (76%)

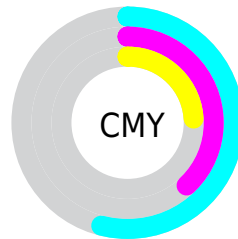


Cyan (39%)

Magenta (19%)

Yellow (0%)

Black (24%)



Cyan (54%)

Magenta (38%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 769EC2 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 769EC2 by changing the saturation by 10% instead.



■ 769EC2

■ 769EC2

FFFFFF

■ 5B84A7

■ ADD5FB

■ 416B8C

■ C9F1FF

■ 265373

■ E5FFFF

■ 023C5A

■ 002642

■ 00112C

■ 000117

■ 000000

■ 769EC2

■ 769EC2

6395C2

89A7C2

4F8CC2

9DB0C2

3C82C2

B0BAC2

2879C2

C4C3C2

1570C2

D7CCC2

0267C2

EAD5C2

0066C2

FEDEC2

FFE8C2

FFF1C2

# Harmonies

## Analogous

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



61A3B8



769EC2



9397C1

# Triad

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



769EC2



C48B8D



84A27E

# Complementary

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



769EC2



C29A76

# 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.



9B9D72



769EC2



BF8F7B

# Square

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



769EC2



BE8BA2



B09671



6DA591

# Rectangle

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



769EC2



A592BA



B09671



8CA079

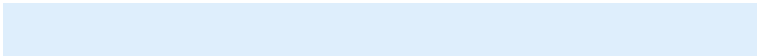


# Sweetspot

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



769EC2



DDEEFC



76C299



6E7780



000000



808080

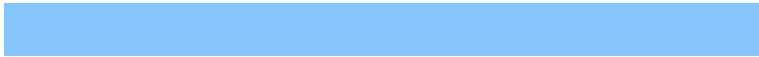


# Same Dimension

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



769EC2



86C4FC



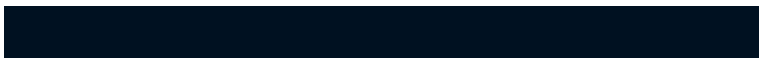
7679C2



575C61



0055A1



001121



# Inverse Universe

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



C2769E



FC86C4



C2BF76



61575C



A10055

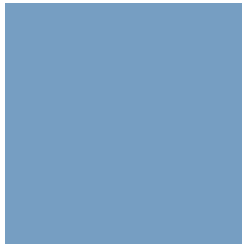


210011



# Previews

## White Background



This preview shows how the Hex color 769EC2 looks on a white background.

## Color Contrast Check

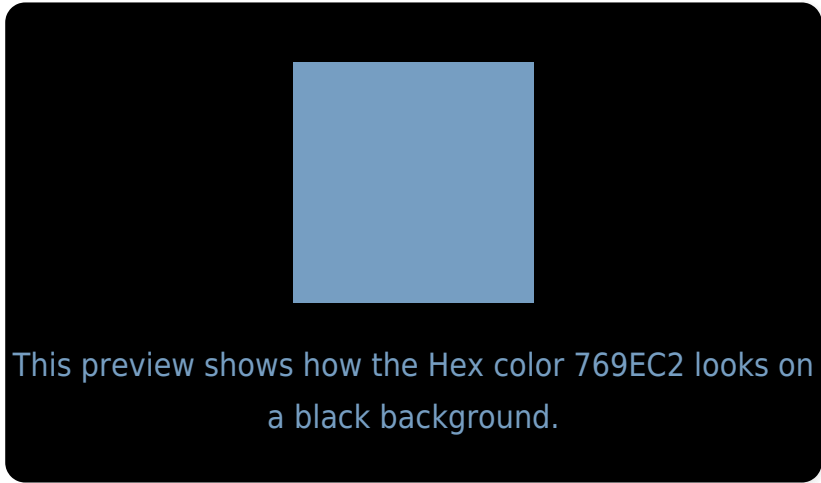
Large Text (above 18pt) WCAG AA × Fail

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

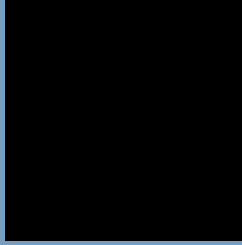
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

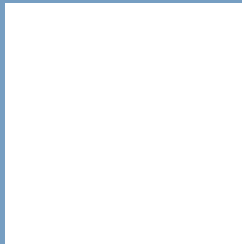
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 769EC2 Background



This preview shows how black text looks on a background with the Hex color 769EC2.



This preview shows how white text looks on a background with the Hex color 769EC2.

# Color Blindness Simulation

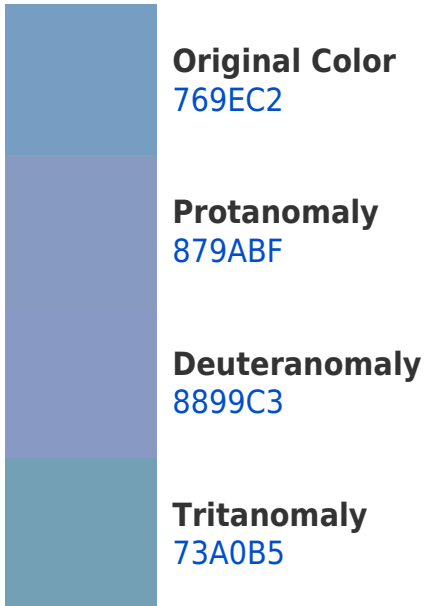
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

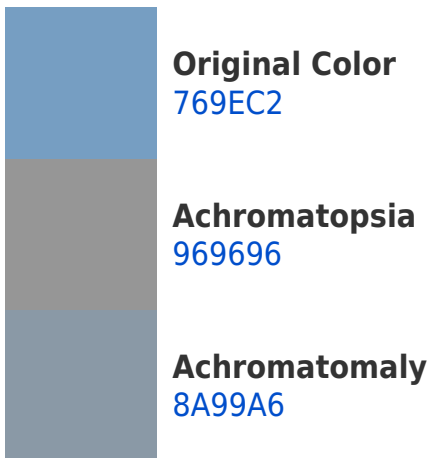




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 769EC2 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 #769EC2 looks like.

```
.text, #text, p{  
    color:#769EC2  
}
```

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 #769EC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #769EC2
}
```

## Border

The CSS property to change the border of an element to Hex 769EC2 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
#769EC2 }
```

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

```
.border{ border-color:#769EC2 }
```

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

Here you see how a box with a 4 pixel #769EC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #769EC2; -webkit-box-shadow:4px 4px  
4px 4px #769EC2; box-shadow:4px 4px 4px  
4px #769EC2 }
```

# Background

The CSS property to change the background color of an element to Hex 769EC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#769EC2 }
```

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

```
.background{ background-color:#769EC2 }
```

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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