

Converting Colors

Hex(77A6EB)

Have a look what the booklet for
Hex(77A6EB) contains.

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Color

Hex(77A6EB)

Conversions

Conversions Part 1

Format	Color
Hex	77A6EB
RGB	119, 166, 235
RGB Percent	47%, 65%, 92%
CMY	0.5333, 0.3490, 0.0784
CMYK	0.49, 0.29, 0.00, 0.08
HSL	216°, 74%, 69%
HSV	216°, 49%, 92%
XYZ	36.2394, 37.1925, 83.8661
YIQ	159.8130, -50.1610, 11.4950

Conversions

Conversions Part 2

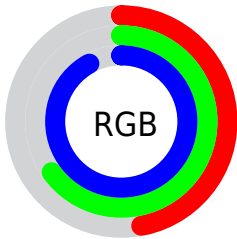
Format	Color
R _Y B	119, 152, 235
Decimal	7841515
CIE Lab	67.42, 2.99, -39.50
CIE LCh	67, 39.615, 274.327
Yxy	37.1925, 0.2304, 0.2364
Android (android.graphics.Color)	4286031595 (0xFF77A6EB)
YUV	159.8130, 37.0672, -35.7930
Hunter-Lab	60.9857, -0.6554, -38.8443

Details

The Hex color **77A6EB** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **EBBC77**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **B0DDFF**, and **3C72B3** is the 20% darker color. If you saturate the color by 10%, you get **6098EB**, and if you desaturate by 10%, it is **8FB4EB**.

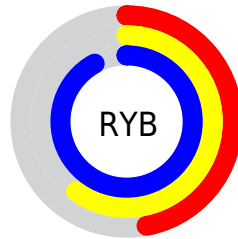
Distribution



Red (47%)

Green (65%)

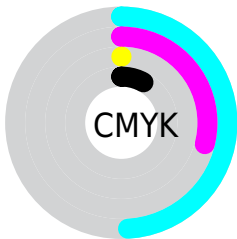
Blue (92%)



Red (47%)

Yellow (60%)

Blue (92%)

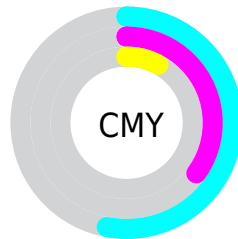


Cyan (49%)

Magenta (29%)

Yellow (0%)

Black (8%)



Cyan (53%)

Magenta (35%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77A6EB 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 77A6EB by changing the saturation by 10% instead.

 77A6EB

 77A6EB

FFFFFF

 5A8CCF

 B0DDFF

 3C72B3

 CEF9FF

 165A98

 EBFFFF


 00437E

 002D64

 00194C

 000535

 00021F

 000001

■ 77A6EB

■ 77A6EB

■ 6098EB

■ 8FB4EB

■ 488AEB

■ A6C2EB

■ 317CEB

■ BDD0EB

■ 196EEB

■ D5DEEB

■ 0260EB

■ ECECEB

■ 005FEB

■ FFFAEB

■ FFFFEB

Harmonies

Analogous

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



2CB0E4



77A6EB



AF99DF

Triad

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



77A6EB



E68C7E



64B484

Complementary

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



77A6EB



EBBC77

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.



90AE68



77A6EB



D49764

Square

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



77A6EB



E888A0



B6A45C



28B7A8

Rectangle

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



77A6EB



CB90CE



B6A45C



74B379

Sweetspot

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



77A6EB



D9E8FF



77EBBB



697280



000000



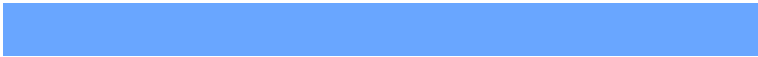
808080

Same Dimension

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



77A6EB



69A6FF



8177EB



6A6E75



0049B5



001636

Inverse Universe

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



EB77A6



FF69A6



E1EB77



756A6E



B50049



360016

Previews

White Background



This preview shows how the Hex color 77A6EB looks on a white background.

Color Contrast Check

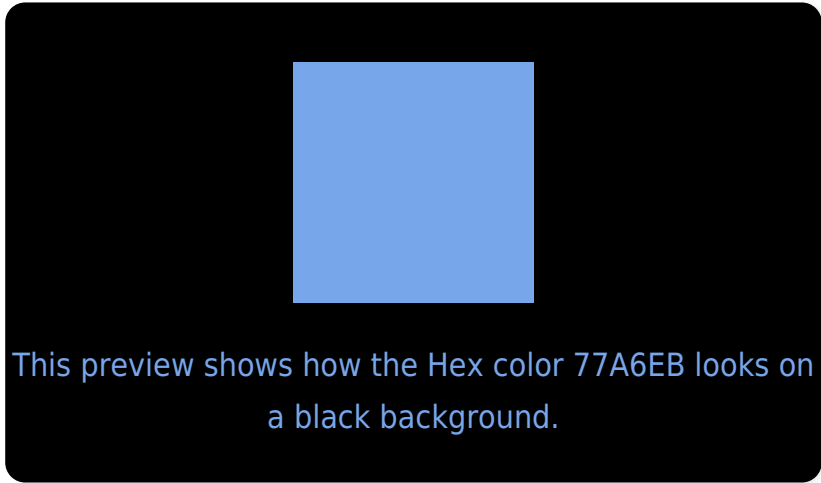
Large Text (above 18pt) WCAG AA × Fail

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

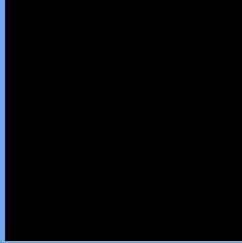
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

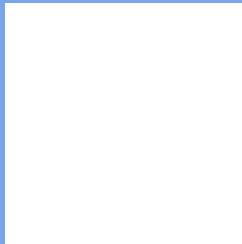
Any Text WCAG AAA ✓ Pass

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

Hex 77A6EB Background



This preview shows how black text looks on a background with the Hex color 77A6EB.



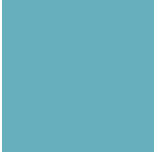
This preview shows how white text looks on a background with the Hex color 77A6EB.

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](#).

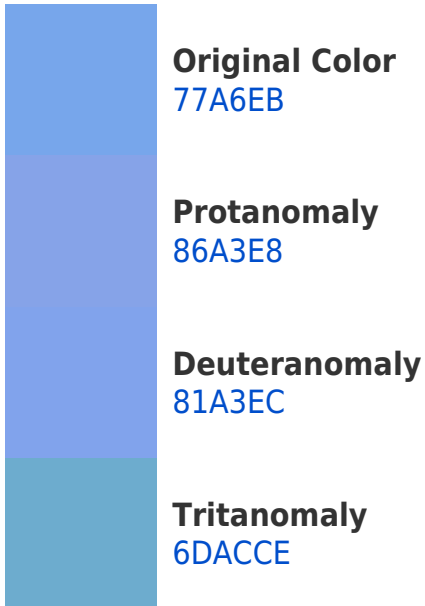
Dichromacy



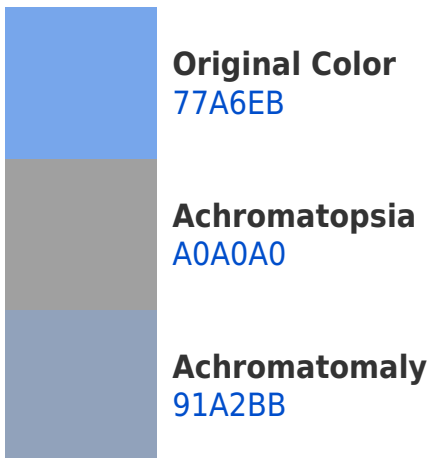


Tritanopia
68AFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 77A6EB 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 #77A6EB looks like.

```
.text, #text, p{  
    color:#77A6EB  
}
```

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 #77A6EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77A6EB
}
```

Border

The CSS property to change the border of an element to Hex 77A6EB 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
#77A6EB }
```

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

```
.border{ border-color:#77A6EB }
```

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

Here you see how a box with a 4 pixel #77A6EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77A6EB; -webkit-box-shadow:4px 4px  
4px 4px #77A6EB; box-shadow:4px 4px 4px  
4px #77A6EB }
```

Background

The CSS property to change the background color of an element to Hex 77A6EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77A6EB }
```

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

```
.background{ background-color:#77A6EB }
```

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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