

Converting Colors

Hex(77A8EF)

Have a look what the booklet for
Hex(77A8EF) contains.

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Color

Hex(77A8EF)

Conversions

Conversions Part 1

Format	Color
Hex	77A8EF
RGB	119, 168, 239
RGB Percent	47%, 66%, 94%
CMY	0.5333, 0.3412, 0.0627
CMYK	0.50, 0.30, 0.00, 0.06
HSL	216°, 79%, 70%
HSV	216°, 50%, 94%
XYZ	37.1904, 38.1592, 87.0667
YIQ	161.4430, -51.9950, 11.6930

Conversions

Conversions Part 2

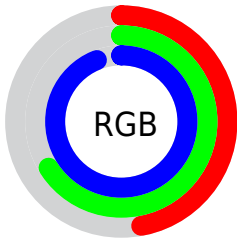
Format	Color
R _Y B	119, 154, 239
Decimal	7842031
CIE Lab	68.14, 3.04, -40.57
CIE LCh	68, 40.684, 274.292
Yxy	38.1592, 0.2290, 0.2349
Android (android.graphics.Color)	4286032111 (0xFF77A8EF)
YUV	161.4430, 38.2356, -37.2225
Hunter-Lab	61.7731, -0.6375, -40.3256

Details

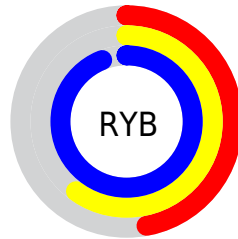
The Hex color **77A8EF** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **EFBE77**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **B1DFFF**, and **3B74B7** is the 20% darker color. If you saturate the color by 10%, you get **5F9AEF**, and if you desaturate by 10%, it is **8FB6EF**.

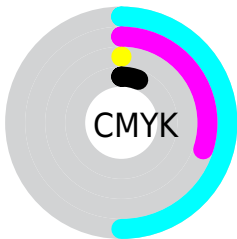
Distribution



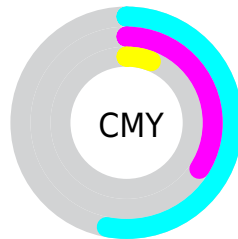
- Red (47%)
- Green (66%)
- Blue (94%)



- Red (47%)
- Yellow (60%)
- Blue (94%)



- Cyan (50%)
- Magenta (30%)
- Yellow (0%)
- Black (6%)



- Cyan (53%)
- Magenta (34%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77A8EF 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 77A8EF by changing the saturation by 10% instead.

 77A8EF

 77A8EF

FFFFFF

 5A8ED2

 B1DFFF

 3B74B7

 CEFBFF

 135C9C

 ECFFFF

 004581

 002F68

 001B4F

 000538

 000222

 000007

■ 77A8EF

■ 77A8EF

■ 5F9AEF

■ 8FB6EF

■ 478CEF

■ A7C4EF

■ 2F7EEF

■ BFD2EF

■ 176FEF

■ D7E1EF

■ 0062EF

■ EEEFEF

■ FFFDEF

■ FFFFEF

Harmonies

Analogous

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



25B2E7



77A8EF



B19BE3

Triad

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



77A8EF



EA8D7F



64B785

Complementary

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



77A8EF



EFBE77

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.



92B068



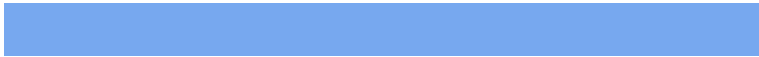
77A8EF



D79964

Square

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



77A8EF



EB89A2



B8A65C



22B9AA

Rectangle

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



77A8EF



CD92D1



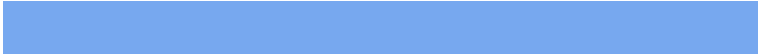
B8A65C



74B57A

Sweetspot

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



77A8EF



D9E8FF



77EFBD



697280



000000



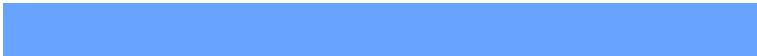
808080

Same Dimension

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



77A8EF



66A4FF



8177EF



6C7178



004BB8



001738

Inverse Universe

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



EF77A8



FF66A4



E5EF77



786C71



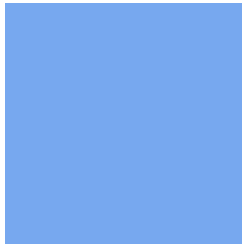
B8004B



380017

Previews

White Background



This preview shows how the Hex color 77A8EF looks on a white background.

Color Contrast Check

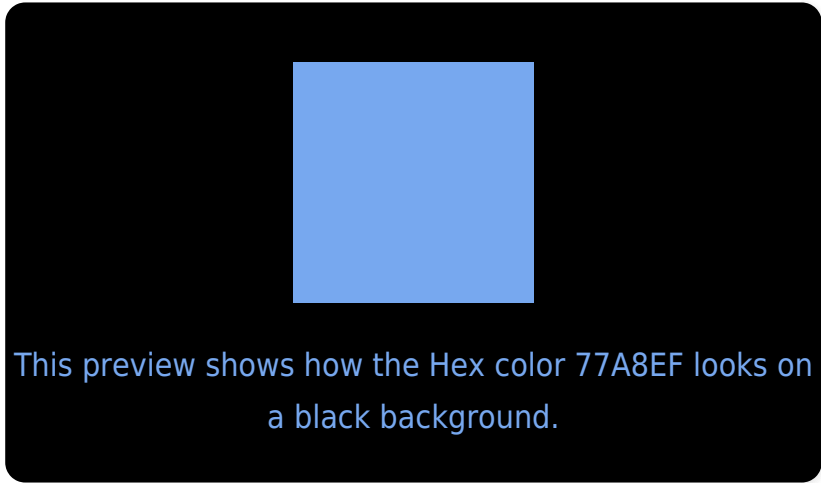
Large Text (above 18pt) WCAG AA × Fail

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

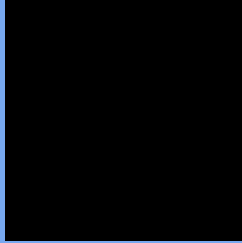
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

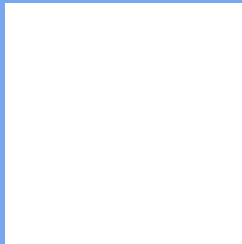
Any Text WCAG AAA ✓ Pass

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

Hex 77A8EF Background



This preview shows how black text looks on a background with the Hex color 77A8EF.



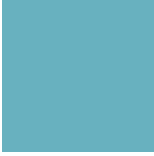
This preview shows how white text looks on a background with the Hex color 77A8EF.

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](#).

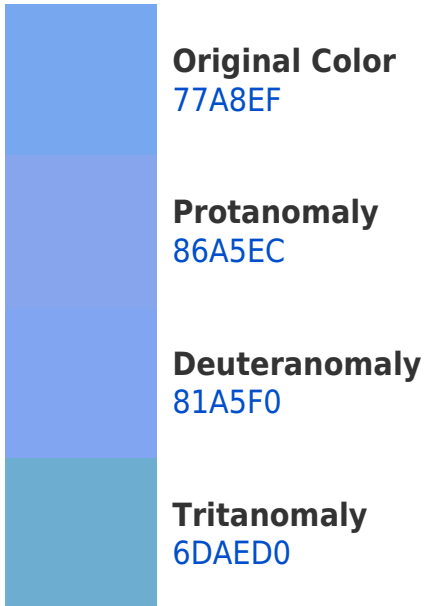
Dichromacy



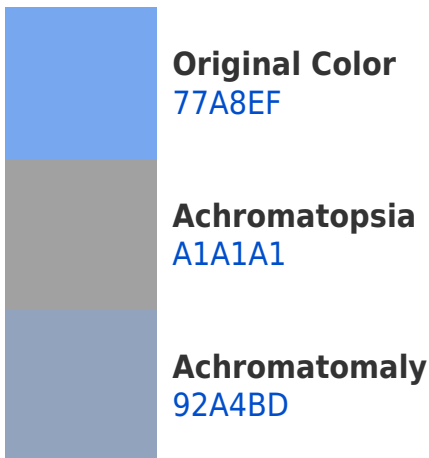


Tritanopia
68B1BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 77A8EF 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 #77A8EF looks like.

```
.text, #text, p{  
    color:#77A8EF  
}
```

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 #77A8EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77A8EF
}
```

Border

The CSS property to change the border of an element to Hex 77A8EF 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
#77A8EF }
```

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

```
.border{ border-color:#77A8EF }
```

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

Here you see how a box with a 4 pixel #77A8EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77A8EF; -webkit-box-shadow:4px 4px  
4px 4px #77A8EF; box-shadow:4px 4px 4px  
4px #77A8EF }
```

Background

The CSS property to change the background color of an element to Hex 77A8EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77A8EF }
```

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

```
.background{ background-color:#77A8EF }
```

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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