

Converting Colors

Hex(77A2EC)

Have a look what the booklet for
Hex(77A2EC) contains.

Hex(77A2EC)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(77A2EC)

Conversions

Conversions Part 1

Format	Color
Hex	77A2EC
RGB	119, 162, 236
RGB Percent	47%, 64%, 93%
CMY	0.5333, 0.3647, 0.0745
CMYK	0.50, 0.31, 0.00, 0.07
HSL	218°, 75%, 70%
HSV	218°, 50%, 93%
XYZ	35.6684, 35.8187, 84.3907
YIQ	157.5790, -49.3820, 13.8980

Conversions

Conversions Part 2

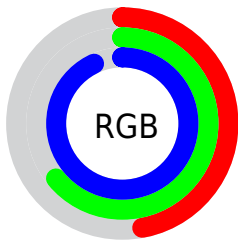
Format	Color
R _Y B	119, 150, 236
Decimal	7840492
CIE Lab	66.38, 5.56, -41.68
CIE LCh	66, 42.046, 277.596
Yxy	35.8187, 0.2288, 0.2298
Android (android.graphics.Color)	4286030572 (0xFF77A2EC)
YUV	157.5790, 38.6616, -33.8338
Hunter-Lab	59.8487, 1.6464, -41.7087

Details

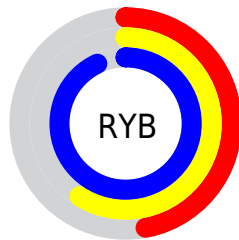
The Hex color **77A2EC** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **ECC177**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **B0D9FF**, and **3C6FB4** is the 20% darker color. If you saturate the color by 10%, you get **5F93EC**, and if you desaturate by 10%, it is **8FB1EC**.

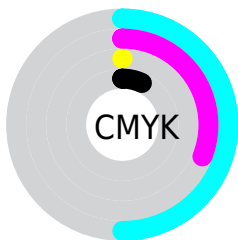
Distribution



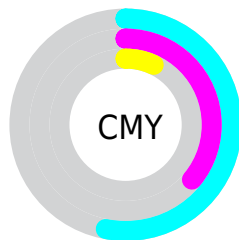
- Red (47%)
- Green (64%)
- Blue (93%)



- Red (47%)
- Yellow (59%)
- Blue (93%)



- Cyan (50%)
- Magenta (31%)
- Yellow (0%)
- Black (7%)



- Cyan (53%)
- Magenta (36%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77A2EC 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 77A2EC by changing the saturation by 10% instead.

■ 77A2EC

■ 77A2EC

FFFFFF

■ 5A88D0

■ B0D9FF

■ 3C6FB4

■ CEF5FF

■ 155799

■ EBFFFF

■ 00407E

■ 002A65

■ 00174D

■ 000535

■ 00021F

■ 000002

■ 77A2EC

■ 77A2EC

■ 5F93EC

■ 8FB1EC

■ 4884EC

■ A6C0EC

■ 3075EC

■ BECFEC

■ 1966EC

■ D5DEEC

■ 0157EC

■ EDEDEC

■ 0057EC

■ FFFCEC

■ FFFFEC

Harmonies

Analogous

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



16ADE7



77A2EC



B294DD

Triad

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



77A2EC



E58975



56B383

Complementary

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



77A2EC



ECC177

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.



87AD64



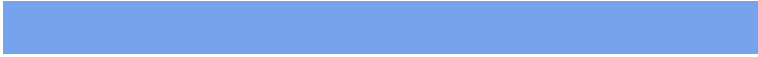
77A2EC



D1955C

Square

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



77A2EC



E98399



B0A255



00B5AA

Rectangle

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



77A2EC



CE8BCA



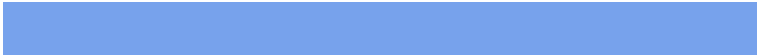
B0A255



68B178

Sweetspot

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



77A2EC



D9E7FF



77ECBF



697180



000000



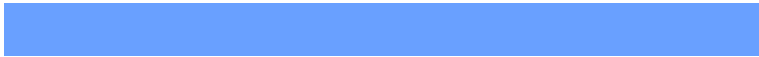
808080

Same Dimension

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



77A2EC



69A0FF



8577EC



6A6E75



0043B5



001436

Inverse Universe

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



EC77A2



FF69A0



DEEC77



756A6E



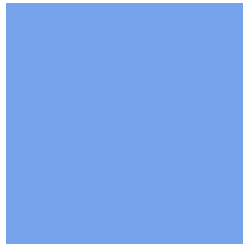
B50043



360014

Previews

White Background



This preview shows how the Hex color 77A2EC looks on a white background.

Color Contrast Check

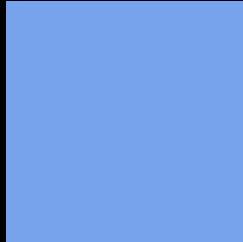
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 77A2EC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

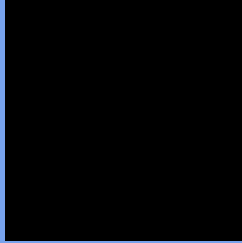
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

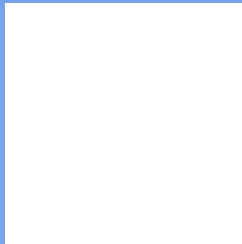
Any Text WCAG AAA ✓ Pass

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

Hex 77A2EC Background



This preview shows how black text looks on a background with the Hex color 77A2EC.



This preview shows how white text looks on a background with the Hex color 77A2EC.

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



Original Color
77A2EC

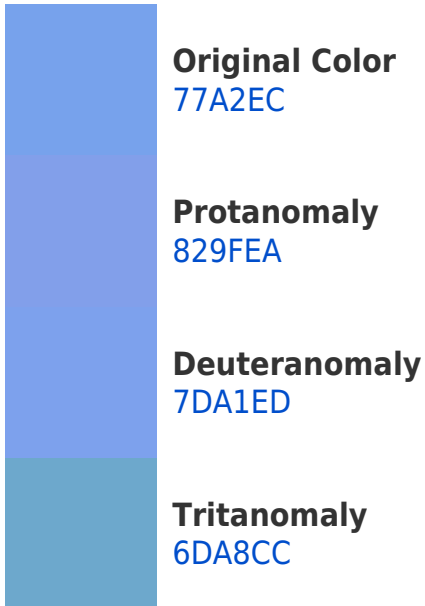
Protanopia
899EE9

Deuteranopia
81A0ED

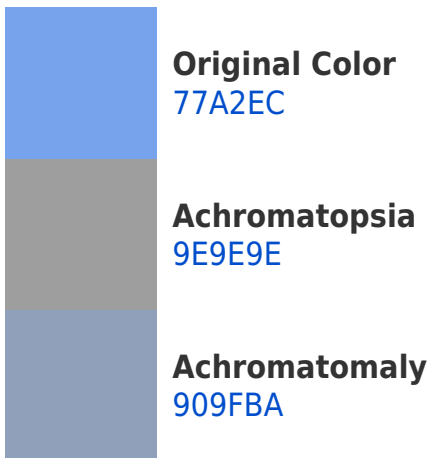


Tritanopia
67ACBA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 77A2EC 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 #77A2EC looks like.

```
.text, #text, p{  
    color:#77A2EC  
}
```

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 #77A2EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77A2EC
}
```

Border

The CSS property to change the border of an element to Hex 77A2EC 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
#77A2EC }
```

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

```
.border{ border-color:#77A2EC }
```

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

Here you see how a box with a 4 pixel #77A2EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77A2EC; -webkit-box-shadow:4px 4px  
4px 4px #77A2EC; box-shadow:4px 4px 4px  
4px #77A2EC }
```

Background

The CSS property to change the background color of an element to Hex 77A2EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77A2EC }
```

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

```
.background{ background-color:#77A2EC }
```

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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