

Converting Colors

Hex(77A1E1)

Have a look what the booklet for
Hex(77A1E1) contains.

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Color

Hex(77A1E1)

Conversions

Conversions Part 1

Format	Color
Hex	77A1E1
RGB	119, 161, 225
RGB Percent	47%, 63%, 88%
CMY	0.5333, 0.3686, 0.1176
CMYK	0.47, 0.28, 0.00, 0.12
HSL	216°, 64%, 67%
HSV	216°, 47%, 88%
XYZ	33.9432, 34.8479, 76.1715
YIQ	155.7380, -45.5760, 11.0000

Conversions

Conversions Part 2

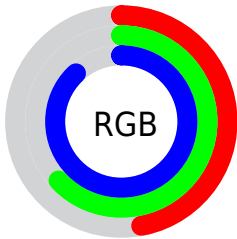
Format	Color
R _Y B	119, 149, 225
Decimal	7840225
CIE Lab	65.63, 2.88, -36.80
CIE LCh	66, 36.916, 274.482
Yxy	34.8479, 0.2342, 0.2404
Android (android.graphics.Color)	4286030305 (0xFF77A1E1)
YUV	155.7380, 34.1462, -32.2192
Hunter-Lab	59.0321, -0.6695, -35.1817

Details

The Hex color **77A1E1** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **E1B777**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **B0D8FF**, and **3E6EA9** is the 20% darker color. If you saturate the color by 10%, you get **6193E1**, and if you desaturate by 10%, it is **8EAFE1**.

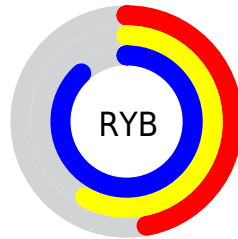
Distribution



Red (47%)

Green (63%)

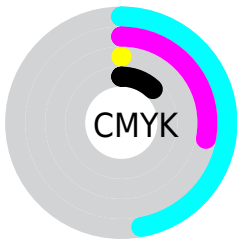
Blue (88%)



Red (47%)

Yellow (58%)

Blue (88%)

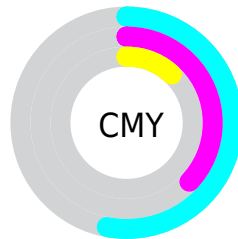


Cyan (47%)

Magenta (28%)

Yellow (0%)

Black (12%)



Cyan (53%)

Magenta (37%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77A1E1 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 77A1E1 by changing the saturation by 10% instead.

■ 77A1E1

■ 77A1E1

FFFFFF

■ 5B87C5

■ B0D8FF

■ 3E6EA9

■ CCF4FF

■ 1C568F

■ EAFFFF

■ 003F75

■ 00295C

■ 001544

■ 00032D

■ 000118

■ 000000

■ 77A1E1

■ 77A1E1

■ 6193E1

■ 8EAFE1

■ 4A86E1

■ A4BCE1

■ 3378E1

■ BBCAE1

■ 1D6BE1

■ D1D7E1

■ 065DE1

■ E8E5E1

■ 0059E1

■ FEF3E1

■ FFFFE1

Harmonies

Analogous

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



39AADA



77A1E1



AA95D6

Triad

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



77A1E1



DD897C



64AF82

Complementary

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



77A1E1



E1B777

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.



8DA968



77A1E1



CC9464

Square

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



77A1E1



DE859C



B09F5D



34B1A3

Rectangle

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



77A1E1



C38DC6



B09F5D



73AD78

Sweetspot

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



77A1E1



DBE9FF



77E1B7



6A7280



000000



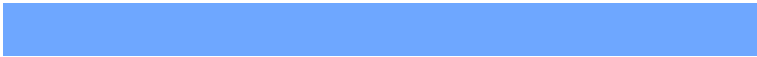
808080

Same Dimension

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



77A1E1



6EA7FF



8277E1



656970



0046B0



001330

Inverse Universe

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



E177A1



FF6EA7



D6E177



706569



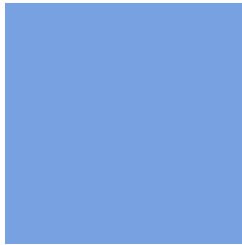
B00046



300013

Previews

White Background



This preview shows how the Hex color 77A1E1 looks on a white background.

Color Contrast Check

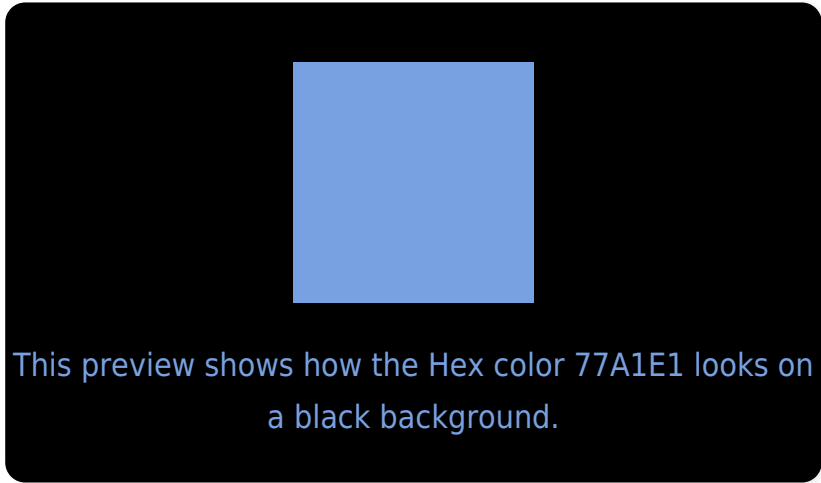
Large Text (above 18pt) WCAG AA × Fail

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

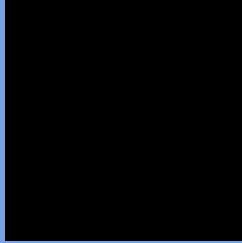
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

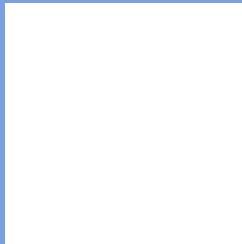
Any Text WCAG AAA ✓ Pass

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

Hex 77A1E1 Background



This preview shows how black text looks on a background with the Hex color 77A1E1.



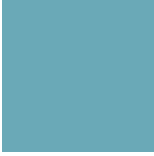
This preview shows how white text looks on a background with the Hex color 77A1E1.

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](#).

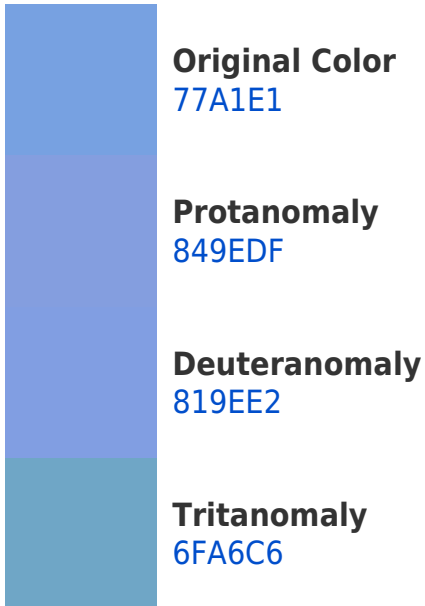
Dichromacy



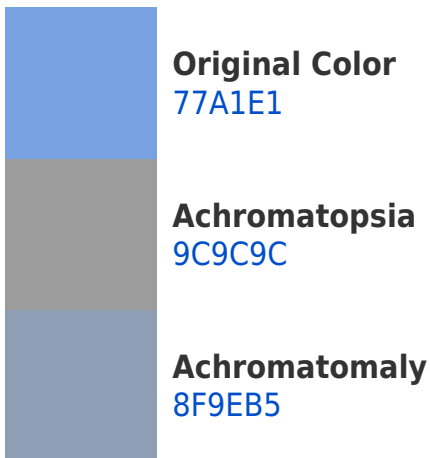


Tritanopia
6AA9B7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 77A1E1 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 #77A1E1 looks like.

```
.text, #text, p{  
    color:#77A1E1  
}
```

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 #77A1E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77A1E1
}
```

Border

The CSS property to change the border of an element to Hex 77A1E1 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
#77A1E1 }
```

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

```
.border{ border-color:#77A1E1 }
```

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

Here you see how a box with a 4 pixel #77A1E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77A1E1; -webkit-box-shadow:4px 4px  
4px 4px #77A1E1; box-shadow:4px 4px 4px  
4px #77A1E1 }
```

Background

The CSS property to change the background color of an element to Hex 77A1E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77A1E1 }
```

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

```
.background{ background-color:#77A1E1 }
```

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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