

Converting Colors

Hex(77B1E0)

Have a look what the booklet for
Hex(77B1E0) contains.

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Color

Hex(77B1E0)

Conversions

Conversions Part 1

Format	Color
Hex	77B1E0
RGB	119, 177, 224
RGB Percent	47%, 69%, 88%
CMY	0.5333, 0.3059, 0.1216
CMYK	0.47, 0.21, 0.00, 0.12
HSL	207°, 63%, 67%
HSV	207°, 47%, 88%
XYZ	36.7844, 40.7480, 76.4474
YIQ	165.0160, -49.6550, 2.3210

Conversions

Conversions Part 2

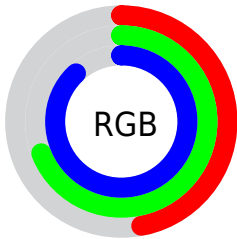
Format	Color
R _Y B	119, 156, 224
Decimal	7844320
CIE Lab	70.00, -6.31, -29.48
CIE LCh	70, 30.153, 257.914
Yxy	40.7480, 0.2389, 0.2646
Android (android.graphics.Color)	4286034400 (0xFF77B1E0)
YUV	165.0160, 29.0791, -40.3560
Hunter-Lab	63.8342, -8.8493, -26.3214

Details

The Hex color **77B1E0** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **E0A677**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **B0E9FF**, and **3E7DA9** is the 20% darker color. If you saturate the color by 10%, you get **61A7E0**, and if you desaturate by 10%, it is **8DBBE0**.

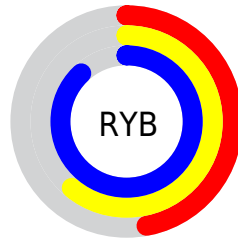
Distribution



Red (47%)

Green (69%)

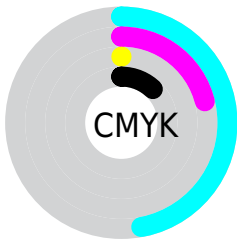
Blue (88%)



Red (47%)

Yellow (61%)

Blue (88%)

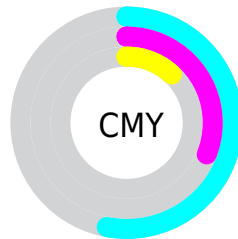


Cyan (47%)

Magenta (21%)

Yellow (0%)

Black (12%)



Cyan (53%)

Magenta (31%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77B1E0 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 77B1E0 by changing the saturation by 10% instead.

■ 77B1E0

■ 77B1E0

FFFFFF

■ 5B96C4

■ B0E9FF

■ 3E7DA9

■ CDFFFF

■ 1B648E

■ EAFFFF

■ 004C74

■ 00355B

■ 002044

■ 00032D

■ 000118

■ 000000

■ 77B1E0

■ 77B1E0

■ 61A7E0

■ 8DBBE0

■ 4A9DE0

■ A4C5E0

■ 3493E0

■ BACFE0

■ 1D89E0

■ D1D9E0

■ 077FE0

■ E7E3E0

■ 007CE0

■ FDEDE0

■ FFF7E0

■ FFFFEO

Harmonies

Analogous

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



58B7D3



77B1E0



A0A8DF

Triad

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



77B1E0



E2979C



8EB586

Complementary

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



77B1E0



E0A677

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.



A E A F 7 7



7 7 B 1 E 0



D B 9 D 8 4

Square

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



77B1E0



DA98B7



C8A676



6FB99F

Rectangle

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



77B1E0



B8A1D6



C8A676



99B37F

Sweetspot

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



77B1E0



DBEFFF



77E0A5



6A7680



000000



808080

Same Dimension

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



77B1E0



70BFFF



777EE0



656B70



0061B0



001B30

Inverse Universe

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



E077B1



FF70BF



E0D977



70656B



B00061



30001B

Previews

White Background



This preview shows how the Hex color 77B1E0 looks on a white background.

Color Contrast Check

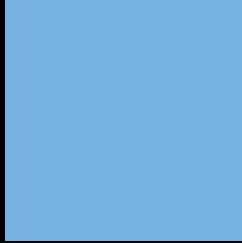
Large Text (above 18pt) WCAG AA × Fail

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 77B1E0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

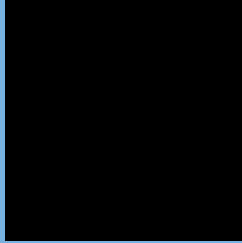
Any Text WCAG AA ✓ Pass

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 77B1E0 Background



This preview shows how black text looks on a background with the Hex color 77B1E0.

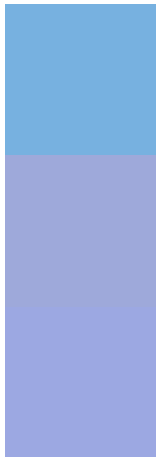


This preview shows how white text looks on a background with the Hex color 77B1E0.

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](#).

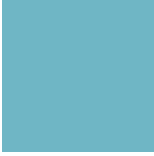
Dichromacy



Original Color
77B1E0

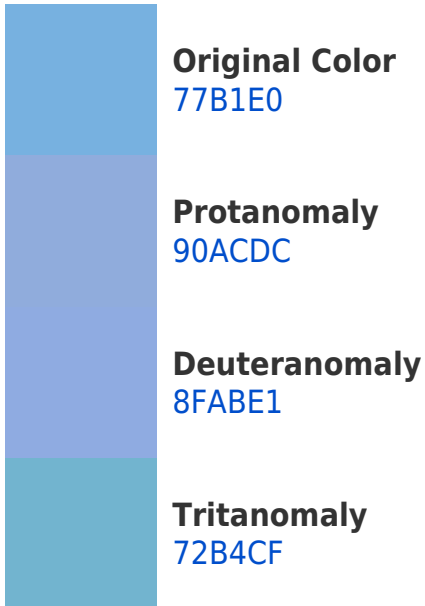
Protanopia
9EA9DA

Deuteranopia
9CA8E2

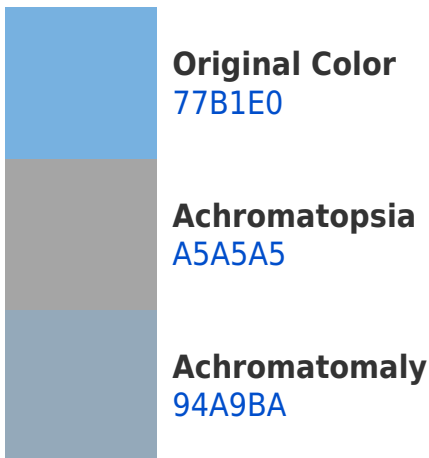


Tritanopia
6FB6C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 77B1E0 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 #77B1E0 looks like.

```
.text, #text, p{  
    color:#77B1E0  
}
```

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 #77B1E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77B1E0
}
```

Border

The CSS property to change the border of an element to Hex 77B1E0 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
#77B1E0 }
```

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

```
.border{ border-color:#77B1E0 }
```

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

Here you see how a box with a 4 pixel #77B1E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77B1E0; -webkit-box-shadow:4px 4px  
4px 4px #77B1E0; box-shadow:4px 4px 4px  
4px #77B1E0 }
```

Background

The CSS property to change the background color of an element to Hex 77B1E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77B1E0 }
```

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

```
.background{ background-color:#77B1E0 }
```

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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