

Converting Colors

Hex(77C4E9)

Have a look what the booklet for
Hex(77C4E9) contains.

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Color

Hex(77C4E9)

Conversions

Conversions Part 1

Format	Color
Hex	77C4E9
RGB	119, 196, 233
RGB Percent	47%, 77%, 91%
CMY	0.5333, 0.2314, 0.0863
CMYK	0.49, 0.16, 0.00, 0.09
HSL	199°, 72%, 69%
HSV	199°, 49%, 91%
XYZ	42.0557, 49.2850, 84.3872
YIQ	177.1950, -57.7690, -4.8170

Conversions

Conversions Part 2

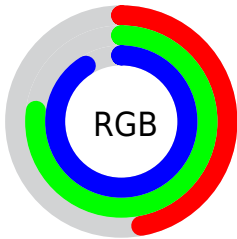
Format	Color
RYB	119, 165, 233
Decimal	7849193
CIELab	75.63, -13.94, -25.73
CIELCh	76, 29.266, 241.548
Yxy	49.2850, 0.2393, 0.2805
Android (android.graphics.Color)	4286039273 (0xFF77C4E9)
YUV	177.1950, 27.5119, -51.0370
Hunter-Lab	70.2033, -15.9243, -22.1267

Details

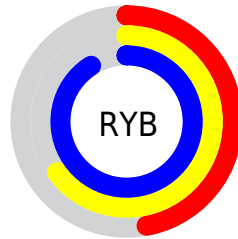
The Hex color **77C4E9** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **E99C77**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **B1FDFF**, and **3B8EB1** is the 20% darker color. If you saturate the color by 10%, you get **60BCE9**, and if you desaturate by 10%, it is **8ECCE9**.

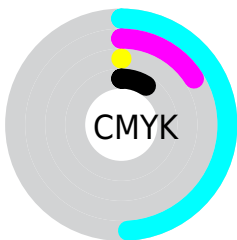
Distribution



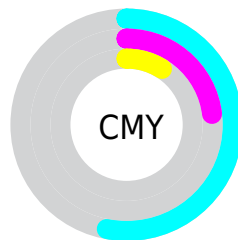
- Red (47%)
- Green (77%)
- Blue (91%)



- Red (47%)
- Yellow (65%)
- Blue (91%)



- Cyan (49%)
- Magenta (16%)
- Yellow (0%)
- Black (9%)



- Cyan (53%)
- Magenta (23%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77C4E9 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 77C4E9 by changing the saturation by 10% instead.

■ 77C4E9

■ 77C4E9

FFFFFF

■ 5AA9CD

■ B1FDFD

■ 3B8EB1

■ CEFFFF

■ 137596

■ ECFFFF

■ 005C7C

■ 004463

■ 002E4B

■ 001B34

■ 00021F

■ 000002

 77C4E9

 77C4E9

 60BCE9

 8ECCE9

 48B5E9

 A6D3E9

 31ADE9

 BDDBE9

 1AA6E9

 D4E2E9

 039EE9

 ECEAE9

 009DE9

 FFF1E9

 FFF9E9

 FFFF E9

Harmonies

Analogous

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



68C8D6



77C4E9



9ABCFO

Triad

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



77C4E9



EFA7BA



AFC18C

Complementary

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



77C4E9



E99C77

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.



CCB984



77C4E9



F0A99F

Square

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



77C4E9



DEABD5



E3B08C



90C7A0

Rectangle

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



77C4E9



B4B6EC



E3B08C



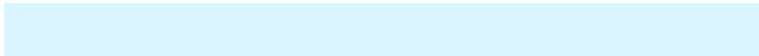
BABF88

Sweetspot

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



77C4E9



D9F3FF



77E99B



697880



000000



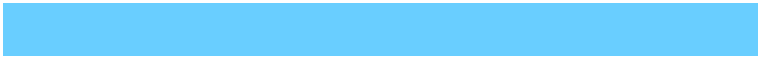
808080

Same Dimension

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



77C4E9



69CEFF



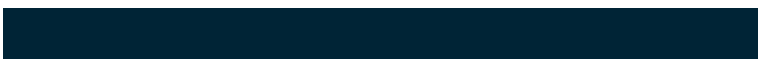
778CE9



6A7175



007AB5



002436

Inverse Universe

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



E977C4



FF69CE



E9D477



756A71



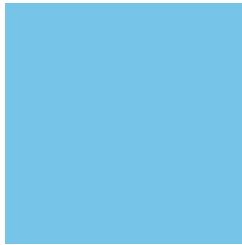
B5007A



360024

Previews

White Background



This preview shows how the Hex color 77C4E9 looks on a white background.

Color Contrast Check

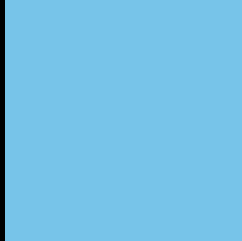
Large Text (above 18pt) WCAG AA × Fail

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 77C4E9 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 77C4E9 Background



This preview shows how black text looks on a background with the Hex color 77C4E9.

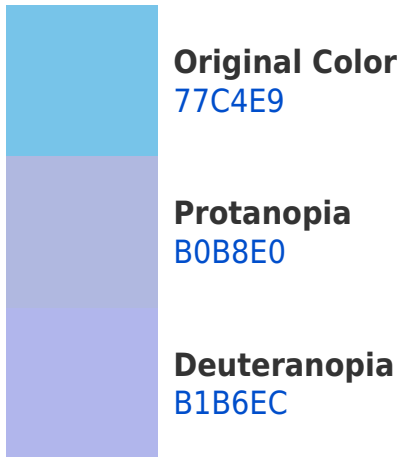


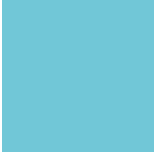
This preview shows how white text looks on a background with the Hex color 77C4E9.

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



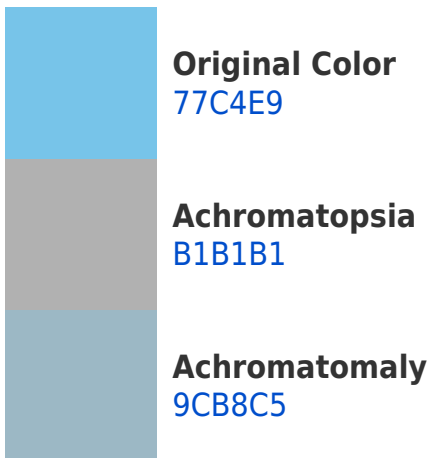


Tritanopia
71C7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 77C4E9 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 #77C4E9 looks like.

```
.text, #text, p{  
    color:#77C4E9  
}
```

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 #77C4E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77C4E9
}
```

Border

The CSS property to change the border of an element to Hex 77C4E9 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
#77C4E9 }
```

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

```
.border{ border-color:#77C4E9 }
```

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

Here you see how a box with a 4 pixel #77C4E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77C4E9; -webkit-box-shadow:4px 4px  
4px 4px #77C4E9; box-shadow:4px 4px 4px  
4px #77C4E9 }
```

Background

The CSS property to change the background color of an element to Hex 77C4E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77C4E9 }
```

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

```
.background{ background-color:#77C4E9 }
```

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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