

Converting Colors

Hex(74B1EE)

Have a look what the booklet for
Hex(74B1EE) contains.

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Color

Hex(74B1EE)

Conversions

Conversions Part 1

Format	Color
Hex	74B1EE
RGB	116, 177, 238
RGB Percent	45%, 69%, 93%
CMY	0.5451, 0.3059, 0.0667
CMYK	0.51, 0.26, 0.00, 0.07
HSL	210°, 78%, 69%
HSV	210°, 51%, 93%
XYZ	38.3572, 41.3303, 86.8448
YIQ	165.7150, -55.9370, 6.0390

Conversions

Conversions Part 2

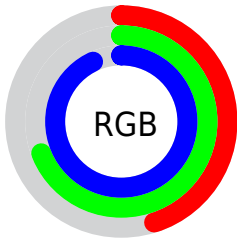
Format	Color
R _Y B	116, 157, 238
Decimal	7647726
CIE Lab	70.41, -2.95, -36.50
CIE LCh	70, 36.619, 265.380
Yxy	41.3303, 0.2303, 0.2482
Android (android.graphics.Color)	4285837806 (0xFF74B1EE)
YUV	165.7150, 35.6365, -43.6001
Hunter-Lab	64.2887, -6.0049, -35.0903

Details

The Hex color **74B1EE** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **EEB174**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **AEE8FF**, and **377DB6** is the 20% darker color. If you saturate the color by 10%, you get **5CA5EE**, and if you desaturate by 10%, it is **8CBDEE**.

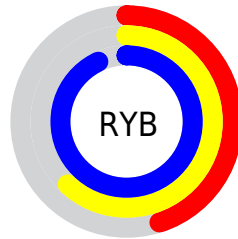
Distribution



Red (45%)

Green (69%)

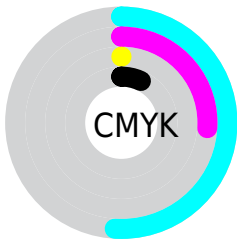
Blue (93%)



Red (45%)

Yellow (62%)

Blue (93%)

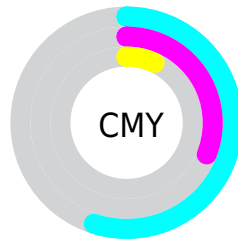


Cyan (51%)

Magenta (26%)

Yellow (0%)

Black (7%)



Cyan (55%)

Magenta (31%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 74B1EE 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 74B1EE by changing the saturation by 10% instead.

 74B1EE

 74B1EE

FFFFFF

 5796D2

 AEE8FF

 377DB6

 CBFFFF

 08649B

 E9FFFF

 004C81

 003667

 00214F

 000838

 000221

 000007

■ 74B1EE

■ 74B1EE

■ 5CA5EE

■ 8CBDEE

■ 4499EE

■ A4C9EE

■ 2D8DEE

■ BBD5EE

■ 1581EE

■ D3E1EE

■ 0077EE

■ EBEC EE

■ FFF8EE

■ FFFFEE

Harmonies

Analogous

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



3DB9E2



74B1EE



A9A5E8

Triad

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



74B1EE



ED9491



7EBA85

Complementary

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



74B1EE



EEB174

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.



A5B36F



74B1EE



E19D77

Square

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



74B1EE



E993B3



C7A86A



54BEA6

Rectangle

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



74B1EE



C69DDB



C7A86A



8CB87C

Sweetspot

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



74B1EE



D9ECFF



74EEB1



697480



000000



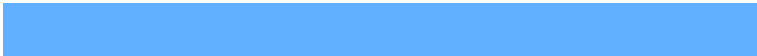
808080

Same Dimension

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



74B1EE



61B0FF



7474EE



6C7278



005CB8



001C38

Inverse Universe

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



EE74B1



FF61B0



EEEE74



786C72



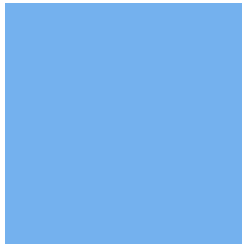
B8005C



38001C

Previews

White Background



This preview shows how the Hex color 74B1EE looks on a white background.

Color Contrast Check

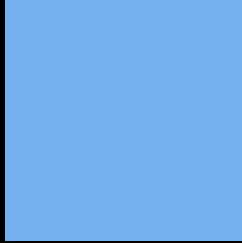
Large Text (above 18pt) WCAG AA × Fail

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 74B1EE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

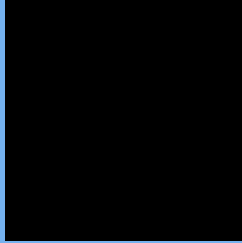
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

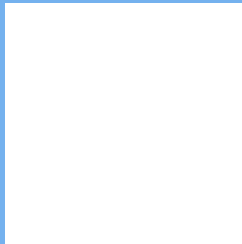
Any Text WCAG AAA ✓ Pass

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

Hex 74B1EE Background



This preview shows how black text looks on a background with the Hex color 74B1EE.



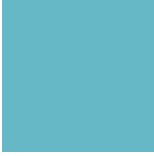
This preview shows how white text looks on a background with the Hex color 74B1EE.

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](#).

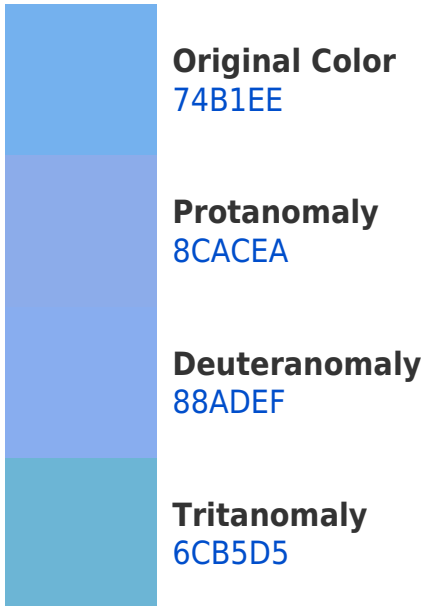
Dichromacy



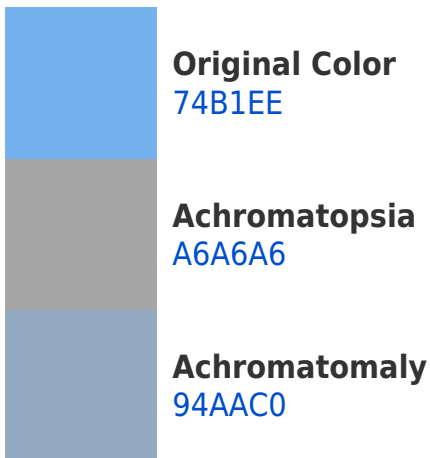


Tritanopia
67B8C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 74B1EE 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 #74B1EE looks like.

```
.text, #text, p{  
    color:#74B1EE  
}
```

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 #74B1EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74B1EE
}
```

Border

The CSS property to change the border of an element to Hex 74B1EE 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
#74B1EE }
```

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

```
.border{ border-color:#74B1EE }
```

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

Here you see how a box with a 4 pixel #74B1EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74B1EE; -webkit-box-shadow:4px 4px  
4px 4px #74B1EE; box-shadow:4px 4px 4px  
4px #74B1EE }
```

Background

The CSS property to change the background color of an element to Hex 74B1EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74B1EE }
```

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

```
.background{ background-color:#74B1EE }
```

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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