

# Converting Colors

Hex(74B5EB)

Have a look what the booklet for  
Hex(74B5EB) contains.

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**Color**

**Hex(74B5EB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	74B5EB
RGB	116, 181, 235
RGB Percent	45%, 71%, 92%
CMY	0.5451, 0.2902, 0.0784
CMYK	0.51, 0.23, 0.00, 0.08
HSL	207°, 75%, 69%
HSV	207°, 51%, 92%
XYZ	38.7217, 42.7589, 84.8097
YIQ	167.7210, -56.0740, 3.0140

# Conversions

## Conversions Part 2

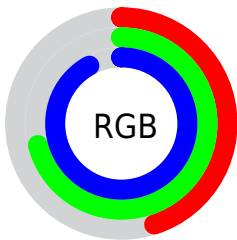
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	116, 158, 235
Decimal	7648747
CIE Lab	71.39, -6.03, -33.34
CIE LCh	71, 33.883, 259.756
Yxy	42.7589, 0.2329, 0.2571
Android (android.graphics.Color)	4285838827 (0xFF74B5EB)
YUV	167.7210, 33.1685, -45.3593
Hunter-Lab	65.3903, -8.7319, -31.1246

# Details

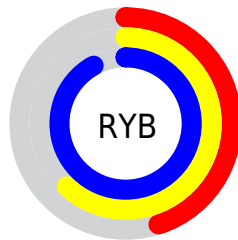
The Hex color **74B5EB** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **EBAA74**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **AEEDFF**, and **3780B3** is the 20% darker color. If you saturate the color by 10%, you get **5DAAEB**, and if you desaturate by 10%, it is **8BC0EB**.

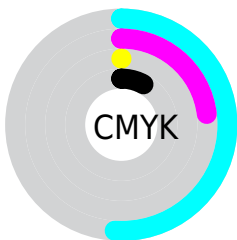
# Distribution



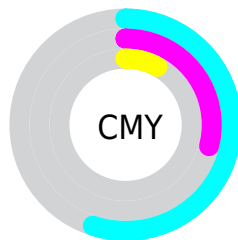
- Red (45%)
- Green (71%)
- Blue (92%)



- Red (45%)
- Yellow (62%)
- Blue (92%)



- Cyan (51%)
- Magenta (23%)
- Yellow (0%)
- Black (8%)



- Cyan (55%)
- Magenta (29%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 74B5EB 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 74B5EB by changing the saturation by 10% instead.



 74B5EB

 74B5EB

FFFFFF

 579ACF

 AEEDFF

 3780B3

 CBFFFF

 0A6798


 E9FFFF

 004F7E

 003965

 00244C

 000E35

 000220

 000003

■ 74B5EB

■ 74B5EB

■ 5DAAEB

■ 8BC0EB

■ 45A0EB

■ A3CAEB

■ 2E95EB

■ BBD5EB

■ 168AEB

■ D2E0EB

■ 0080EB

■ EAEAEB

■ FFF5EB

■ FFFFEB

# Harmonies

## Analogous

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



4BBCDD



74B5EB



A4ABE9

# Triad

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



74B5EB



EC989B



8CBB86

# Complementary

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



74B5EB



EBAA74

# 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.



AFB374



74B5EB



E39F81

# Square

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



74B5EB



E598BB



CEA972



67BFA3

# Rectangle

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



74B5EB



C0A3DE



CEA972



98B97E

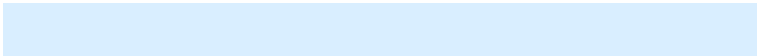


# Sweetspot

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



74B5EB



D9EEFF



74EBAA



697580



000000



808080



# Same Dimension

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



74B5EB



63B8FF



747AEB



6A7075



0063B5



001D36



# Inverse Universe

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



EB74B5



FF63B8



EBE574



756A70



B50063

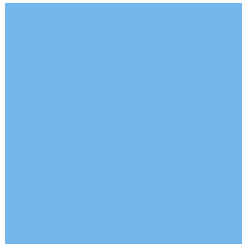


36001D



# Previews

## White Background



This preview shows how the Hex color 74B5EB looks on a white background.

## Color Contrast Check

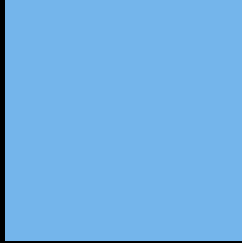
Large Text (above 18pt) WCAG AA × Fail

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 74B5EB 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 74B5EB Background



This preview shows how black text looks on a background with the Hex color 74B5EB.

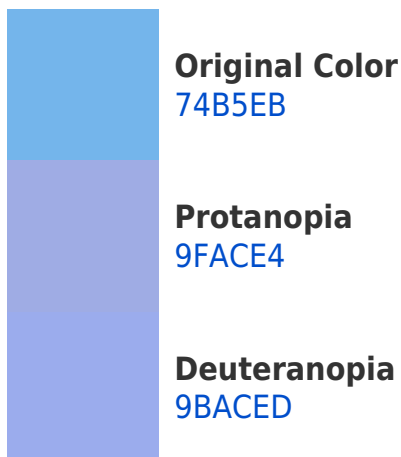


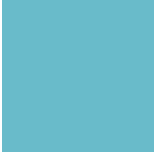
This preview shows how white text looks on a background with the Hex color 74B5EB.

# 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](#).

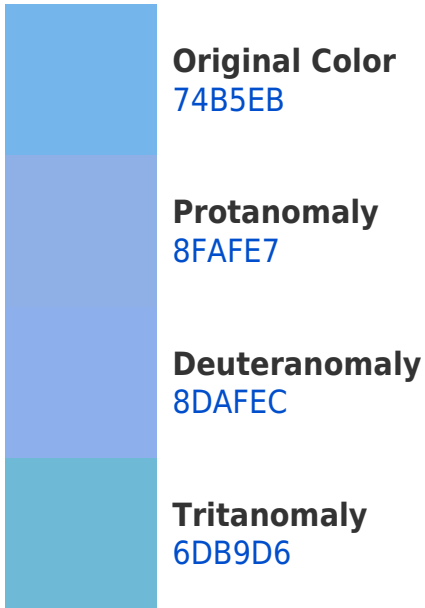
## Dichromacy



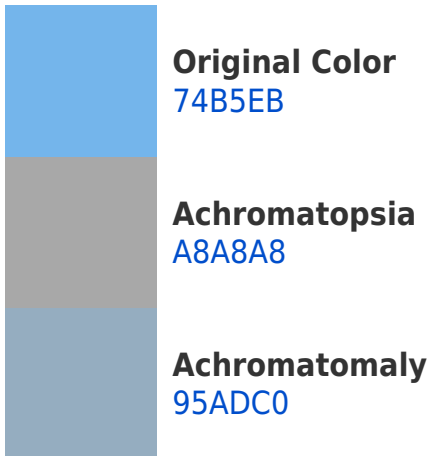


**Tritanopia**  
69BBCA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 74B5EB 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 #74B5EB looks like.

```
.text, #text, p{  
    color:#74B5EB  
}
```

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 #74B5EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74B5EB
}
```

## Border

The CSS property to change the border of an element to Hex 74B5EB 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
#74B5EB }
```

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

```
.border{ border-color:#74B5EB }
```

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

Here you see how a box with a 4 pixel #74B5EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74B5EB; -webkit-box-shadow:4px 4px  
4px 4px #74B5EB; box-shadow:4px 4px 4px  
4px #74B5EB }
```

# Background

The CSS property to change the background color of an element to Hex 74B5EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74B5EB }
```

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

```
.background{ background-color:#74B5EB }
```

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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