

# Converting Colors

Hex(74AEE9)

Have a look what the booklet for  
Hex(74AEE9) contains.

<b>Hex(74AEE9)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(74AEE9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	74AEE9
RGB	116, 174, 233
RGB Percent	45%, 68%, 91%
CMY	0.5451, 0.3176, 0.0863
CMYK	0.50, 0.25, 0.00, 0.09
HSL	210°, 73%, 68%
HSV	210°, 50%, 91%
XYZ	37.0465, 39.8683, 82.8336
YIQ	163.3840, -53.5070, 6.0530

# Conversions

## Conversions Part 2

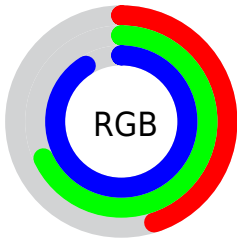
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">116, 155, 233</a>
Decimal	<a href="#">7646953</a>
CIELab	<a href="#">69.38, -2.76, -35.38</a>
CIELCh	<a href="#">69, 35.485, 265.534</a>
Yxy	<a href="#">39.8683, 0.2319, 0.2496</a>
Android (android.graphics.Color)	<a href="#">4285837033 (0xFF74AEE9)</a>
YUV	<a href="#">163.3840, 34.3207, -41.5558</a>
Hunter-Lab	<a href="#">63.1413, -5.7673, -33.5822</a>

# Details

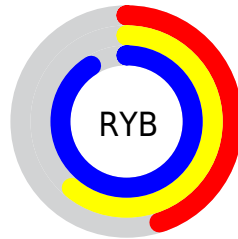
The Hex color **74AEE9** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **E9AF74**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **AEE5FF**, and **387AB1** is the 20% darker color. If you saturate the color by 10%, you get **5DA2E9**, and if you desaturate by 10%, it is **8BBAE9**.

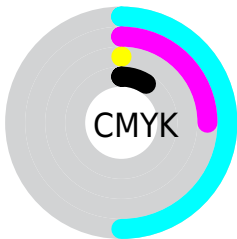
# Distribution



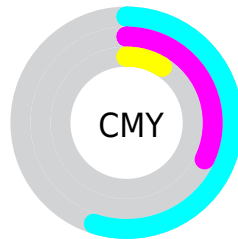
- Red (45%)
- Green (68%)
- Blue (91%)



- Red (45%)
- Yellow (61%)
- Blue (91%)



- Cyan (50%)
- Magenta (25%)
- Yellow (0%)
- Black (9%)



- Cyan (55%)
- Magenta (32%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 74AEE9 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 74AEE9 by changing the saturation by 10% instead.



■ 74AEE9

■ 74AEE9

FFFFFF

■ 5793CD

■ AEE5FF

■ 387AB1

■ CBFFFF

■ 0E6196

■ E8FFFF

■ 004A7C

■ 003363

■ 001F4B

■ 000434

■ 00021E

■ 000000

■ 74AEE9

■ 74AEE9

■ 5DA2E9

■ 8BBAE9

■ 4597E9

■ A3C5E9

■ 2E8BE9

■ BAD1E9

■ 177FE9

■ D1DDE9

■ 0074E9

■ E9E9E9

■ FFF4E9

■ FFFFE9

# Harmonies

## Analogous

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



40B6DE



74AEE9



A7A3E3

# Triad

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



74AEE9



E8928F



7DB784

# Complementary

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



74AEE9



E9AF74

# 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.



A3B06E



74AEE9



DC9B75

# Square

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



74AEE9



E491B0



C3A669



54BAA3

# Rectangle

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



74AEE9



C29BD7



C3A669



8AB57B

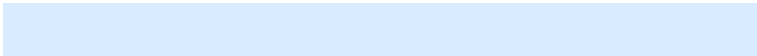


# Sweetspot

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



74AEE9



D9ECFF



74E9AE



697480



000000



808080

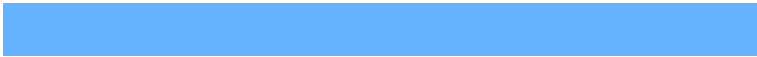


# Same Dimension

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



74AEE9



66B2FF



7474E9



6A6F75



005AB5



001B36



# Inverse Universe

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



E974AE



FF66B2



E9E974



756A6F



B5005A

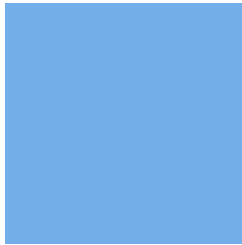


36001B



# Previews

## White Background



This preview shows how the Hex color 74AEE9 looks on a white background.

## Color Contrast Check

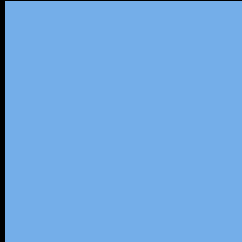
Large Text (above 18pt) WCAG AA × Fail

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 74AEE9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

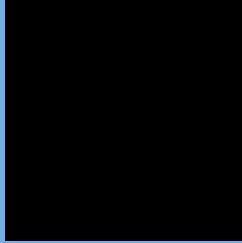
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

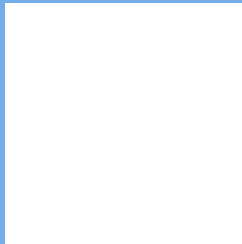
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 74AEE9 Background



This preview shows how black text looks on a background with the Hex color 74AEE9.

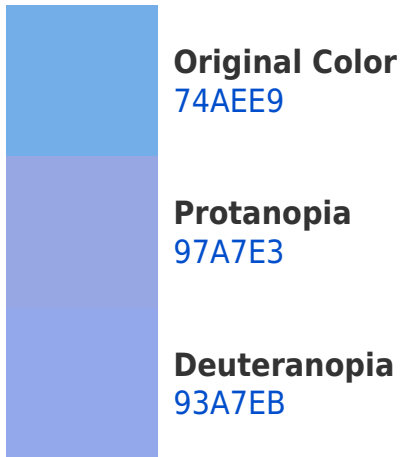


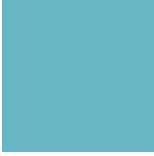
This preview shows how white text looks on a background with the Hex color 74AEE9.

# 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](#).

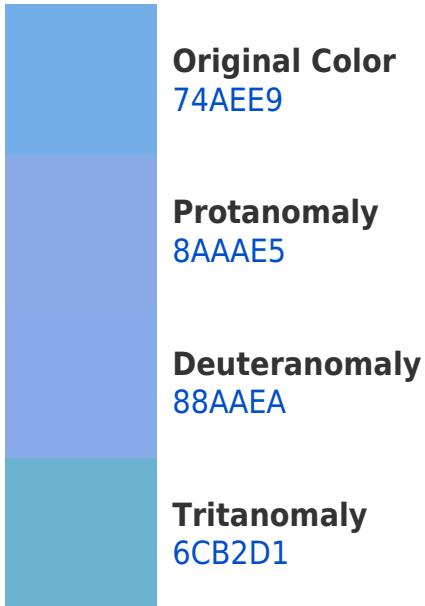
## Dichromacy



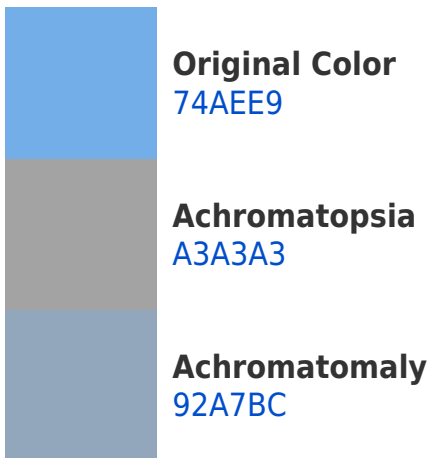


**Tritanopia**  
68B5C4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 74AEE9 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 #74AEE9 looks like.

```
.text, #text, p{  
    color:#74AEE9  
}
```

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 #74AEE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74AEE9
}
```

## Border

The CSS property to change the border of an element to Hex 74AEE9 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
#74AEE9 }
```

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

```
.border{ border-color:#74AEE9 }
```

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

Here you see how a box with a 4 pixel #74AEE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74AEE9; -webkit-box-shadow:4px 4px  
4px 4px #74AEE9; box-shadow:4px 4px 4px  
4px #74AEE9 }
```

# Background

The CSS property to change the background color of an element to Hex 74AEE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74AEE9 }
```

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

```
.background{ background-color:#74AEE9 }
```

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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