

# Converting Colors

Hex(74B3E6)

Have a look what the booklet for  
Hex(74B3E6) contains.

<b>Hex(74B3E6)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(74B3E6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	74B3E6
RGB	116, 179, 230
RGB Percent	45%, 70%, 90%
CMY	0.5451, 0.2980, 0.0980
CMYK	0.50, 0.22, 0.00, 0.10
HSL	207°, 70%, 68%
HSV	207°, 50%, 90%
XYZ	37.6055, 41.6664, 80.9233
YIQ	165.9770, -53.9190, 2.5050

# Conversions

## Conversions Part 2

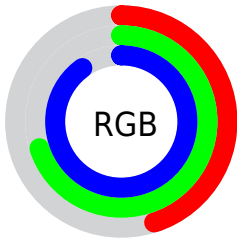
Format	Color
R <sub>Y</sub> B	116, 157, 230
Decimal	7648230
CIE Lab	70.64, -6.39, -31.78
CIE LCh	71, 32.418, 258.639
Yxy	41.6664, 0.2347, 0.2601
Android (android.graphics.Color)	4285838310 (0xFF74B3E6)
YUV	165.9770, 31.5633, -43.8298
Hunter-Lab	64.5495, -8.9704, -29.1450

# Details

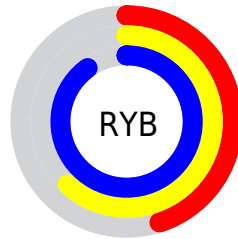
The Hex color **74B3E6** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **E6A774**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **ADEBFF**, and **397EAE** is the 20% darker color. If you saturate the color by 10%, you get **5DA9E6**, and if you desaturate by 10%, it is **8BBDE6**.

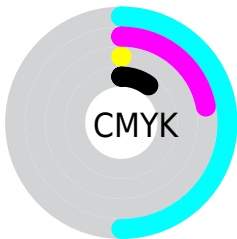
# Distribution



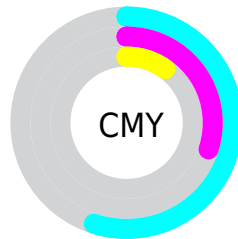
- Red (45%)
- Green (70%)
- Blue (90%)



- Red (45%)
- Yellow (62%)
- Blue (90%)



- Cyan (50%)
- Magenta (22%)
- Yellow (0%)
- Black (10%)



- Cyan (55%)
- Magenta (30%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 74B3E6 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 74B3E6 by changing the saturation by 10% instead.



 74B3E6

 74B3E6

FFFFFF

 5798CA

 ADEBFF

 397EAE

 CAFFFF

 106693

 E8FFFF

 004E7A

 003760

 002248

 000832

 00021C

 000000

 74B3E6

 74B3E6

 5DA9E6

 8BBDE6

 469EE6

 A2C8E6

 2F94E6

 B9D2E6

 188AE6

 D0DCE6

 0180E6

 E7E6E6

 007FE6

 FEF1E6

 FFFBE6

 FFFF E6

# Harmonies

## Analogous

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



4FBAD8



74B3E6



A1A9E4

# Triad

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



74B3E6



E8979B



8DB885

# Complementary

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



74B3E6



E6A774

# 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.



AEB174



74B3E6



E09D82

# Square

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



74B3E6



E098B9



CBA773



6ABCA0

# Rectangle

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



74B3E6



BCA2DB



CBA773



98B67E

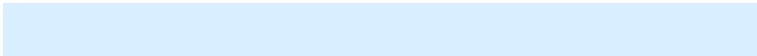


# Sweetspot

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



74B3E6



D9EEFF



74E6A5



697580



000000



808080

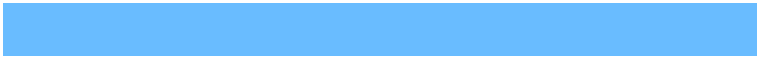


# Same Dimension

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



74B3E6



69BCFF



747CE6



676E73



0063B3



001C33



# Inverse Universe

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



E674B3



FF69BC



E6DE74



73676E



B30063



33001C



# Previews

## White Background



This preview shows how the Hex color 74B3E6 looks on a white background.

## Color Contrast Check

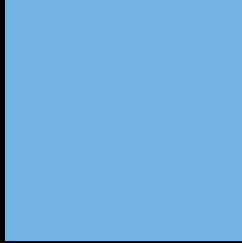
Large Text (above 18pt) WCAG AA × Fail

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 74B3E6 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 74B3E6 Background



This preview shows how black text looks on a background with the Hex color 74B3E6.



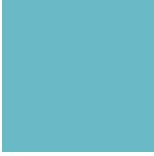
This preview shows how white text looks on a background with the Hex color 74B3E6.

# 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](#).

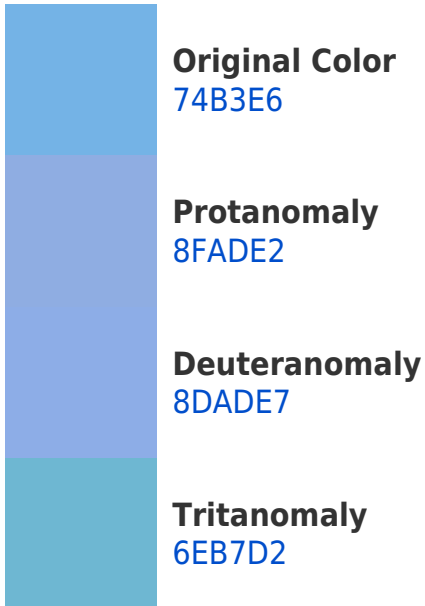
## Dichromacy



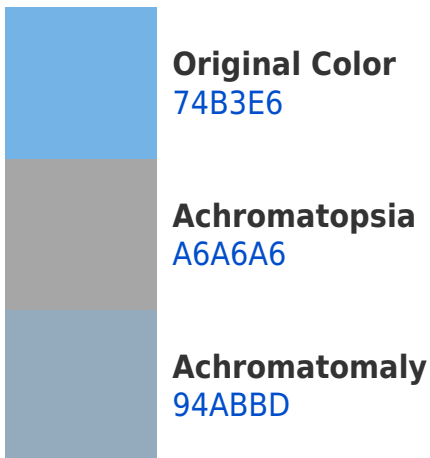


**Tritanopia**  
6AB9C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 74B3E6 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 #74B3E6 looks like.

```
.text, #text, p{  
    color:#74B3E6  
}
```

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 #74B3E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74B3E6
}
```

## Border

The CSS property to change the border of an element to Hex 74B3E6 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
#74B3E6 }
```

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

```
.border{ border-color:#74B3E6 }
```

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

Here you see how a box with a 4 pixel #74B3E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74B3E6; -webkit-box-shadow:4px 4px  
4px 4px #74B3E6; box-shadow:4px 4px 4px  
4px #74B3E6 }
```

# Background

The CSS property to change the background color of an element to Hex 74B3E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74B3E6 }
```

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

```
.background{ background-color:#74B3E6 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor