

Converting Colors

Hex(74CCE7)

Have a look what the booklet for
Hex(74CCE7) contains.

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Color

Hex(74CCE7)

Conversions

Conversions Part 1

Format	Color
Hex	74CCE7
RGB	116, 204, 231
RGB Percent	45%, 80%, 91%
CMY	0.5451, 0.2000, 0.0941
CMYK	0.50, 0.12, 0.00, 0.09
HSL	194°, 71%, 68%
HSV	194°, 50%, 91%
XYZ	43.2191, 52.6683, 83.4894
YIQ	180.7660, -61.1150, -10.2590

Conversions

Conversions Part 2

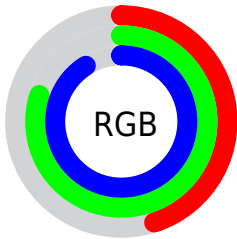
Format	Color
R _Y B	116, 166, 231
Decimal	7654631
CIE Lab	77.68, -19.30, -21.54
CIE LCh	78, 28.923, 228.143
Yxy	52.6683, 0.2409, 0.2936
Android (android.graphics.Color)	4285844711 (0xFF74CCE7)
YUV	180.7660, 24.7654, -56.7998
Hunter-Lab	72.5729, -20.7010, -17.4074

Details

The Hex color **74CCE7** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **E78F74**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **AFFFFFF**, and **3696AF** is the 20% darker color. If you saturate the color by 10%, you get **5DC7E7**, and if you desaturate by 10%, it is **8BD1E7**.

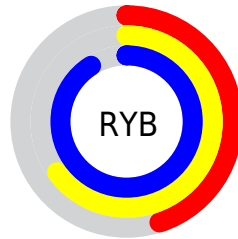
Distribution



Red (45%)

Green (80%)

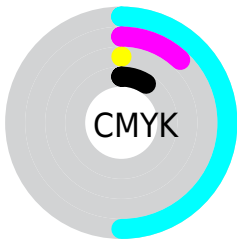
Blue (91%)



Red (45%)

Yellow (65%)

Blue (91%)

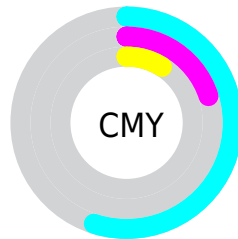


Cyan (50%)

Magenta (12%)

Yellow (0%)

Black (9%)



Cyan (55%)

Magenta (20%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 74CCE7 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 74CCE7 by changing the saturation by 10% instead.

 74CCE7

 74CCE7

FFFFFF

 56B0CB

 AEFFFF

 3696AF

 CCFFFF

 057C95

 E9FFFF


 00637B

 004B62

 00344A

 001F33

 00021E

 000001

 74CCE7

 74CCE7

 5DC7E7

 8BD1E7

 46C1E7

 A2D7E7

 2FBCE7

 B9DCE7

 18B6E7

 D0E2E7

 00B1E7

 E7E7E7

 FFEDE7

 FFF2E7

 FFF7E7

 FFFDE7

Harmonies

Analogous

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



72CFD0



74CCE7



90C6F4

Triad

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



74CCE7



EFADCC



C3C38D

Complementary

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



74CCE7



E78F74

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.



DDBB8C



74CCE7



F7ADB0

Square

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



74CCE7



D8B4E4



F0B299



A4CA9B

Rectangle

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



74CCE7



A9C0F5



F0B299



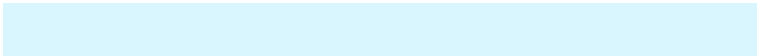
CCC18B

Sweetspot

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



74CCE7



D9F6FF



74E78F



697A80



000000



808080

Same Dimension

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



74CCE7



66DBFF



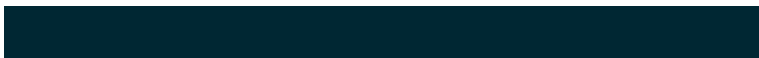
7493E7



677073



0089B3



002733

Inverse Universe

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



E774CC



FF66DB



E7C874



736770



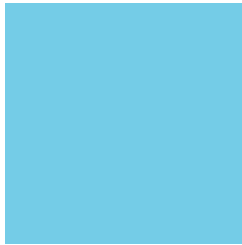
B30089



330027

Previews

White Background



This preview shows how the Hex color 74CCE7 looks on a white background.

Color Contrast Check

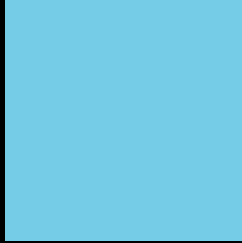
Large Text (above 18pt) WCAG AA × Fail

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 74CCE7 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 74CCE7 Background



This preview shows how black text looks on a background with the Hex color 74CCE7.

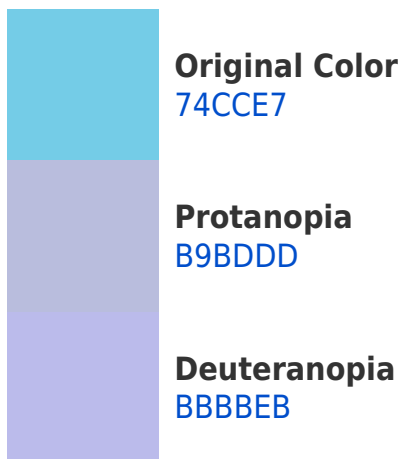


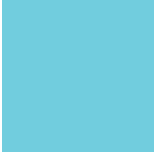
This preview shows how white text looks on a background with the Hex color 74CCE7.

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](#).

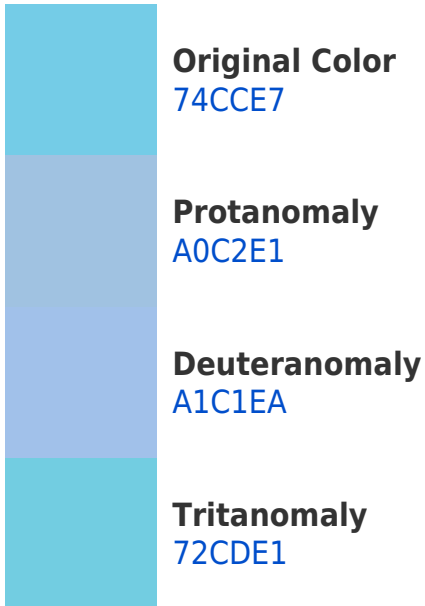
Dichromacy



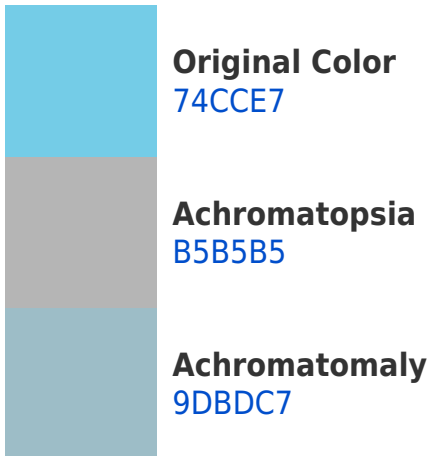


Tritanopia
71CDDE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 74CCE7 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 #74CCE7 looks like.

```
.text, #text, p{  
    color:#74CCE7  
}
```

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 #74CCE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74CCE7  
}
```

Border

The CSS property to change the border of an element to Hex 74CCE7 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  
#74CCE7 }
```

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

```
.border{ border-color:#74CCE7 }
```

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

Here you see how a box with a 4 pixel #74CCE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74CCE7; -webkit-box-shadow:4px 4px  
4px 4px #74CCE7; box-shadow:4px 4px 4px  
4px #74CCE7 }
```

Background

The CSS property to change the background color of an element to Hex 74CCE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74CCE7 }
```

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

```
.background{ background-color:#74CCE7 }
```

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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