

Converting Colors

Hex(74C7E8)

Have a look what the booklet for
Hex(74C7E8) contains.

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Color

Hex(74C7E8)

Conversions

Conversions Part 1

Format	Color
Hex	74C7E8
RGB	116, 199, 232
RGB Percent	45%, 78%, 91%
CMY	0.5451, 0.2196, 0.0902
CMYK	0.50, 0.14, 0.00, 0.09
HSL	197°, 72%, 68%
HSV	197°, 50%, 91%
XYZ	42.1914, 50.3860, 83.8457
YIQ	177.9450, -60.0610, -7.3330

Conversions

Conversions Part 2

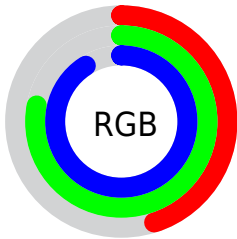
Format	Color
R _Y B	116, 164, 232
Decimal	7653352
CIE Lab	76.31, -16.45, -24.17
CIE LCh	76, 29.239, 235.755
Yxy	50.3860, 0.2391, 0.2856
Android (android.graphics.Color)	4285843432 (0xFF74C7E8)
YUV	177.9450, 26.6491, -54.3258
Hunter-Lab	70.9831, -18.1226, -20.3455

Details

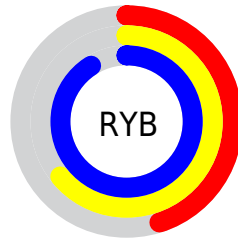
The Hex color **74C7E8** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **E89574**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **AFFFFFF**, and **3791B0** is the 20% darker color. If you saturate the color by 10%, you get **5DC0E8**, and if you desaturate by 10%, it is **8BCEE8**.

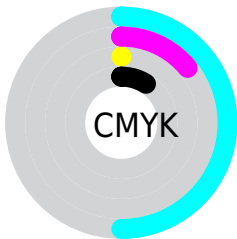
Distribution



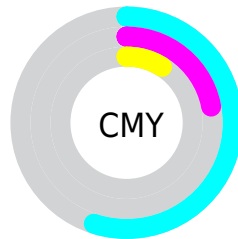
- Red (45%)
- Green (78%)
- Blue (91%)



- Red (45%)
- Yellow (64%)
- Blue (91%)



- Cyan (50%)
- Magenta (14%)
- Yellow (0%)
- Black (9%)



- Cyan (55%)
- Magenta (22%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 74C7E8 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 74C7E8 by changing the saturation by 10% instead.

 74C7E8

 74C7E8

FFFFFF

 57ACCC

 AEFFFF

 3791B0

 CBFFFF

 077796

 E9FFFF

 005E7C

 004763

 00304B

 001C34

 00021F

 000001

 74C7E8

 74C7E8

 5DC0E8

 8BCEE8

 46BAE8

 A2D4E8

 2EB3E8

 BADBE8

 17ADE8

 D1E1E8

 00A6E8

 E8E8E8

 FFEFE8

 FFF5E8

 FFFCE8

 FFFFE8

Harmonies

Analogous

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



6ACBD3



74C7E8



95C0F2

Triad

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



74C7E8



EFA9C1



B7C28B

Complementary

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



74C7E8



E89574

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.



D3B986



74C7E8



F3AAA6

Square

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



74C7E8



DBAEDB



E9B091



98C89D

Rectangle

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



74C7E8



AFBAF0



E9B091



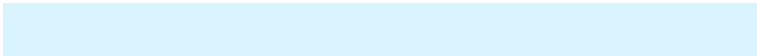
C1BF88

Sweetspot

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



74C7E8



D9F4FF



74E895



697980



000000



808080

Same Dimension

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



74C7E8



66D3FF



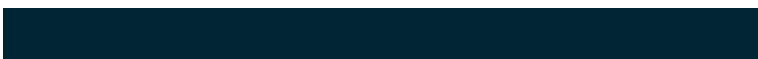
748DE8



676F73



0080B3



002433

Inverse Universe

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



E874C7



FF66D3



E8CF74



73676F



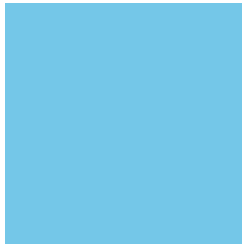
B30080



330024

Previews

White Background



This preview shows how the Hex color 74C7E8 looks on a white background.

Color Contrast Check

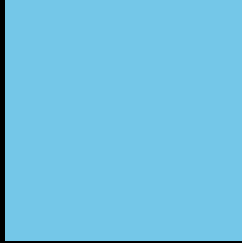
Large Text (above 18pt) WCAG AA × Fail

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 74C7E8 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 74C7E8 Background



This preview shows how black text looks on a background with the Hex color 74C7E8.



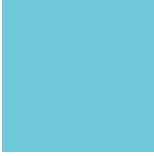
This preview shows how white text looks on a background with the Hex color 74C7E8.

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



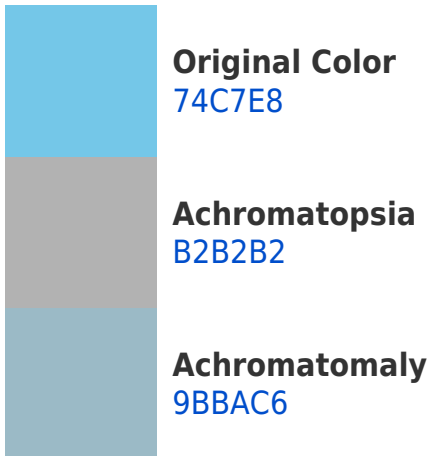


Tritanopia
6FC9DA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 74C7E8 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 #74C7E8 looks like.

```
.text, #text, p{  
    color:#74C7E8  
}
```

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 #74C7E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74C7E8
}
```

Border

The CSS property to change the border of an element to Hex 74C7E8 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
#74C7E8 }
```

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

```
.border{ border-color:#74C7E8 }
```

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

Here you see how a box with a 4 pixel #74C7E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74C7E8; -webkit-box-shadow:4px 4px  
4px 4px #74C7E8; box-shadow:4px 4px 4px  
4px #74C7E8 }
```

Background

The CSS property to change the background color of an element to Hex 74C7E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74C7E8 }
```

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

```
.background{ background-color:#74C7E8 }
```

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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