

Converting Colors

Hex(75C8E9)

Have a look what the booklet for
Hex(75C8E9) contains.

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Color

Hex(75C8E9)

Conversions

Conversions Part 1

Format	Color
Hex	75C8E9
RGB	117, 200, 233
RGB Percent	46%, 78%, 91%
CMY	0.5412, 0.2157, 0.0863
CMYK	0.50, 0.14, 0.00, 0.09
HSL	197°, 72%, 69%
HSV	197°, 50%, 91%
XYZ	42.6984, 50.9737, 84.6793
YIQ	178.9450, -60.0610, -7.3330

Conversions

Conversions Part 2

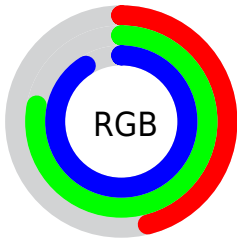
Format	Color
R _Y B	117, 165, 233
Decimal	7719145
CIE Lab	76.66, -16.47, -24.16
CIE LCh	77, 29.240, 235.712
Yxy	50.9737, 0.2394, 0.2858
Android (android.graphics.Color)	4285909225 (0xFF75C8E9)
YUV	178.9450, 26.6491, -54.3258
Hunter-Lab	71.3958, -18.1905, -20.3440

Details

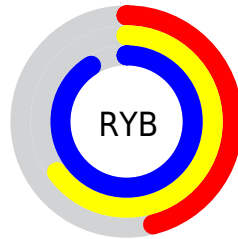
The Hex color **75C8E9** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **E99675**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **AFFFFFFF**, and **3892B1** is the 20% darker color. If you saturate the color by 10%, you get **5EC1E9**, and if you desaturate by 10%, it is **8CCFE9**.

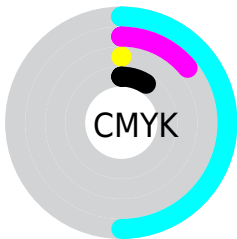
Distribution



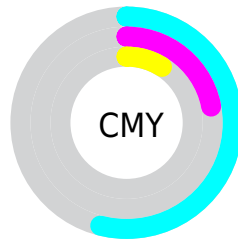
- Red (46%)
- Green (78%)
- Blue (91%)



- Red (46%)
- Yellow (65%)
- Blue (91%)



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



- Cyan (54%)
- Magenta (22%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75C8E9 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 75C8E9 by changing the saturation by 10% instead.

 75C8E9

 75C8E9

FFFFFF

 58ADCD

 AFFFFFF

 3892B1

 CCFFFF

 0A7896

 EAFFFF

 005F7D

 004863

 00314B

 001D35

 00021F

 000003

 75C8E9

 75C8E9

 5EC1E9

 8CCFE9

 46BBE9

 A4D5E9

 2FB4E9

 BBDCE9

 18ADE9

 D2E3E9

 01A7E9

 EAE9E9

 00A7E9

 FFF0E9

 FFF6E9

 FFFDE9

 FFFF E9

Harmonies

Analogous

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



6BCCD4



75C8E9



96C1F3

Triad

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



75C8E9



F0AAC2



B8C38C

Complementary

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



75C8E9



E99675

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.



D4BA87



75C8E9



F4ABA7

Square

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



75C8E9



DCAFDC



EAB191



99C99E

Rectangle

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



75C8E9



B0BBF1



EAB191



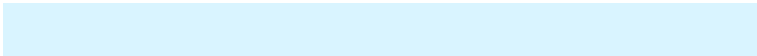
C2C089

Sweetspot

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



75C8E9



D9F4FF



75E996



697980



000000



808080

Same Dimension

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



75C8E9



66D3FF



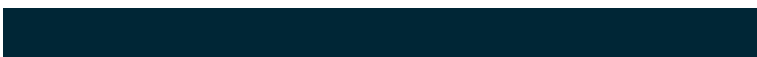
758EE9



6A7275



0082B5



002636

Inverse Universe

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



E975C8



FF66D3



E9D075



756A72



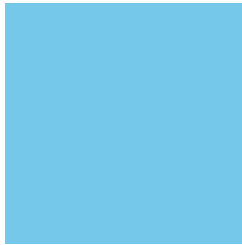
B50082



360026

Previews

White Background



This preview shows how the Hex color 75C8E9 looks on a white background.

Color Contrast Check

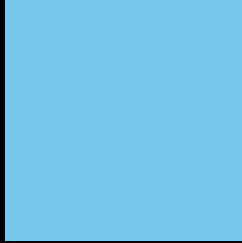
Large Text (above 18pt) WCAG AA × Fail

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 75C8E9 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 75C8E9 Background



This preview shows how black text looks on a background with the Hex color 75C8E9.



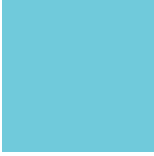
This preview shows how white text looks on a background with the Hex color 75C8E9.

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



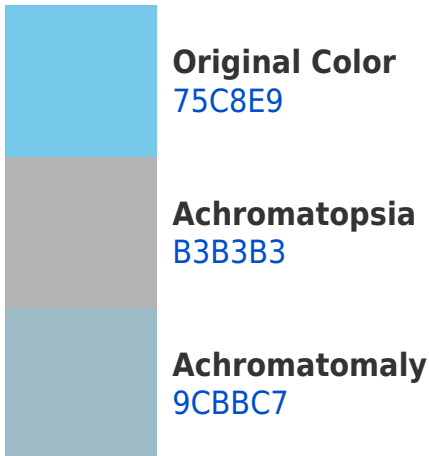


Tritanopia
70CADB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 75C8E9 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 #75C8E9 looks like.

```
.text, #text, p{  
    color:#75C8E9  
}
```

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 #75C8E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75C8E9
}
```

Border

The CSS property to change the border of an element to Hex 75C8E9 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
#75C8E9 }
```

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

```
.border{ border-color:#75C8E9 }
```

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

Here you see how a box with a 4 pixel #75C8E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75C8E9; -webkit-box-shadow:4px 4px  
4px 4px #75C8E9; box-shadow:4px 4px 4px  
4px #75C8E9 }
```

Background

The CSS property to change the background color of an element to Hex 75C8E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75C8E9 }
```

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

```
.background{ background-color:#75C8E9 }
```

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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