

Converting Colors

Hex(75C2E9)

Have a look what the booklet for
Hex(75C2E9) contains.

Hex(75C2E9)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(75C2E9)

Conversions

Conversions Part 1

Format	Color
Hex	75C2E9
RGB	117, 194, 233
RGB Percent	46%, 76%, 91%
CMY	0.5412, 0.2392, 0.0863
CMYK	0.50, 0.17, 0.00, 0.09
HSL	200°, 72%, 69%
HSV	200°, 50%, 91%
XYZ	41.3359, 48.2487, 84.2251
YIQ	175.4230, -58.4110, -4.1950

Conversions

Conversions Part 2

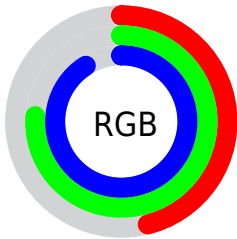
Format	Color
RYB	117, 163, 233
Decimal	7717609
CIELab	74.98, -13.34, -26.73
CIELCh	75, 29.873, 243.474
Yxy	48.2487, 0.2378, 0.2776
Android (android.graphics.Color)	4285907689 (0xFF75C2E9)
YUV	175.4230, 28.3855, -51.2370
Hunter-Lab	69.4613, -15.3332, -23.2691

Details

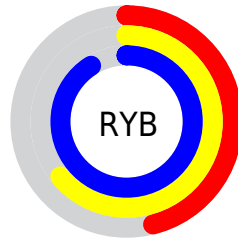
The Hex color **75C2E9** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **E99C75**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **AFFBFF**, and **388CB1** is the 20% darker color. If you saturate the color by 10%, you get **5EBAE9**, and if you desaturate by 10%, it is **8CCAE9**.

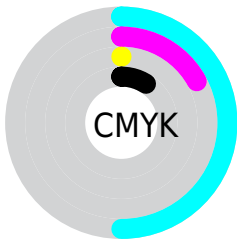
Distribution



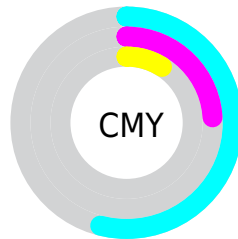
- Red (46%)
- Green (76%)
- Blue (91%)



- Red (46%)
- Yellow (64%)
- Blue (91%)



- Cyan (50%)
- Magenta (17%)
- Yellow (0%)
- Black (9%)



- Cyan (54%)
- Magenta (24%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75C2E9 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 75C2E9 by changing the saturation by 10% instead.

 75C2E9

 75C2E9

FFFFFF

 58A7CD

 AFFBFF

 388CB1

 CCFFFF

 0C7396


 EAFFFF

 005A7C

 004363

 002D4B

 001934

 00021F

 000002

■ 75C2E9

■ 75C2E9

■ 5EBAE9

■ 8CCAE9

■ 46B2E9

■ A4D2E9

■ 2FAAE9

■ BBDAE9

■ 18A3E9

■ D2E1E9

■ 019BE9

■ EAE9E9

■ 009BE9

■ FFF1E9

■ FFF9E9

■ FFFF E9

Harmonies

Analogous

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



63C7D6



75C2E9



9ABAEF

Triad

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



75C2E9



EEA4B6



ABC08A

Complementary

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



75C2E9



E99C75

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.



C9B882



75C2E9



EEA79C

Square

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



75C2E9



DFA8D2



E1AF88



8BC69F

Rectangle

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



75C2E9



B5B4EB



E1AF88



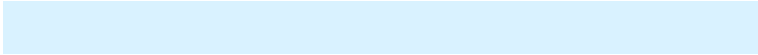
B6BE86

Sweetspot

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



75C2E9



D9F2FF



75E99C



697880



000000



808080

Same Dimension

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



75C2E9



66CCFF



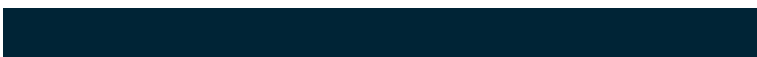
7588E9



6A7175



0078B5



002436

Inverse Universe

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



E975C2



FF66CC



E9D675



756A71



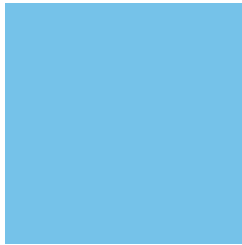
B50078



360024

Previews

White Background



This preview shows how the Hex color 75C2E9 looks on a white background.

Color Contrast Check

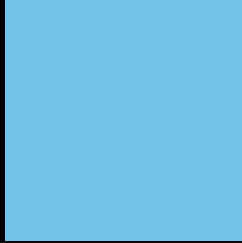
Large Text (above 18pt) WCAG AA × Fail

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 75C2E9 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 75C2E9 Background



This preview shows how black text looks on a background with the Hex color 75C2E9.

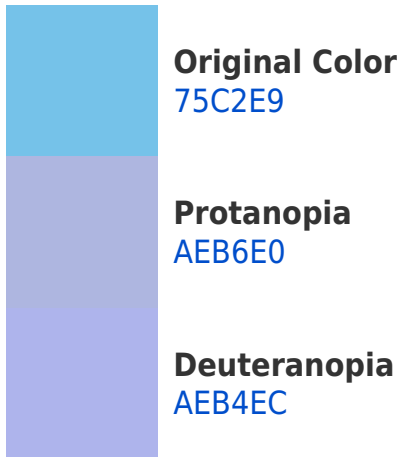


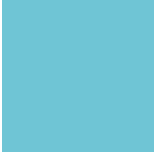
This preview shows how white text looks on a background with the Hex color 75C2E9.

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](#).

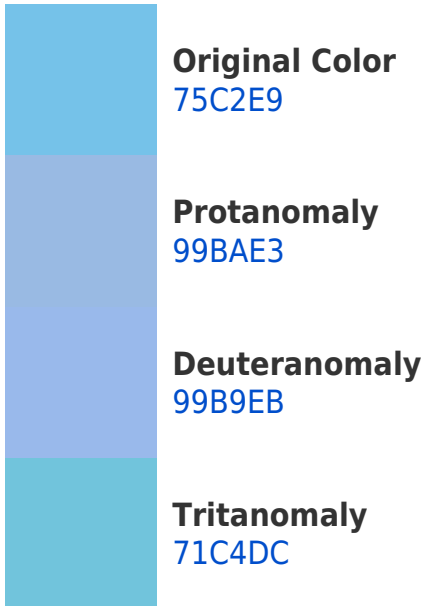
Dichromacy



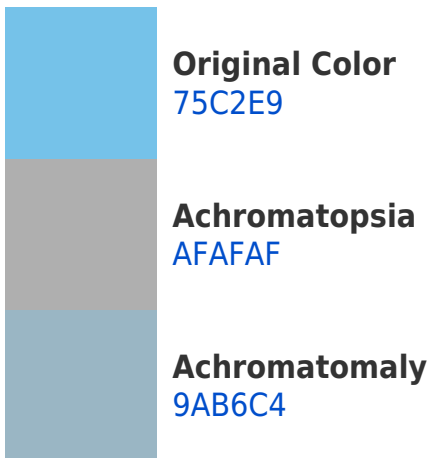


Tritanopia
6FC5D5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 75C2E9 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 #75C2E9 looks like.

```
.text, #text, p{  
    color:#75C2E9  
}
```

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 #75C2E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75C2E9
}
```

Border

The CSS property to change the border of an element to Hex 75C2E9 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
#75C2E9 }
```

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

```
.border{ border-color:#75C2E9 }
```

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

Here you see how a box with a 4 pixel #75C2E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75C2E9; -webkit-box-shadow:4px 4px  
4px 4px #75C2E9; box-shadow:4px 4px 4px  
4px #75C2E9 }
```

Background

The CSS property to change the background color of an element to Hex 75C2E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75C2E9 }
```

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

```
.background{ background-color:#75C2E9 }
```

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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