

# Converting Colors

Hex(74D3E9)

Have a look what the booklet for  
Hex(74D3E9) contains.

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**Color**

**Hex(74D3E9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	74D3E9
RGB	116, 211, 233
RGB Percent	45%, 83%, 91%
CMY	0.5451, 0.1725, 0.0863
CMYK	0.50, 0.09, 0.00, 0.09
HSL	191°, 73%, 68%
HSV	191°, 50%, 91%
XYZ	45.2047, 56.1847, 85.5530
YIQ	185.1030, -63.6820, -13.2980

# Conversions

## Conversions Part 2

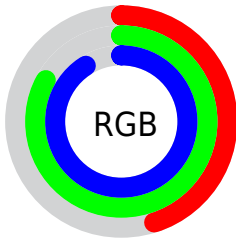
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	116, 168, 233
Decimal	7656425
CIE <sub>Lab</sub>	79.72, -22.29, -19.52
CIE <sub>LCh</sub>	80, 29.632, 221.206
Yxy	56.1847, 0.2418, 0.3005
Android (android.graphics.Color)	4285846505 (0xFF74D3E9)
YUV	185.1030, 23.6132, -60.6033
Hunter-Lab	74.9565, -23.5242, -15.2022

# Details

The Hex color **74D3E9** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E98A74**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **AFFFFFFF**, and **359CB1** is the 20% darker color. If you saturate the color by 10%, you get **5DCFE9**, and if you desaturate by 10%, it is **8BD7E9**.

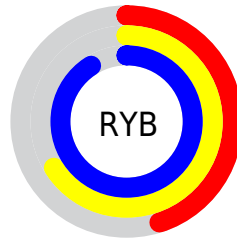
# Distribution



Red (45%)

Green (83%)

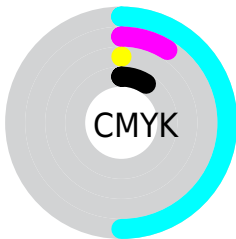
Blue (91%)



Red (45%)

Yellow (66%)

Blue (91%)

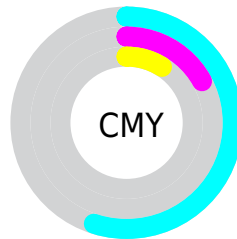


Cyan (50%)

Magenta (9%)

Yellow (0%)

Black (9%)



Cyan (55%)

Magenta (17%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 74D3E9 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 74D3E9 by changing the saturation by 10% instead.



 74D3E9

 74D3E9

FFFFFF

 56B7CD

 AFFFFFF

 359CB1

 CCFFFF

 008297

 EAFFFF

 00697D

 005064

 00394C

 002435

 000220

 000004

 74D3E9

 74D3E9

 5DCFE9

 8BD7E9

 45CAE9

 A3DCE9

 2EC6E9

 BAE0E9

 17C1E9

 D1E5E9

 00BDE9

 E9E9E9

 FFEDE9

 FFF2E9

 FFF6E9

 FFFAE9

# Harmonies

## Analogous

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



78D5CF



74D3E9



8CCDF9

# Triad

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



74D3E9



F1B4D8



CFC78F

# Complementary

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



74D3E9



E98A74

# 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.



E9BE92



74D3E9



FDB1BC

# Square

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



74D3E9



D7BBEF



FAB6A2



B0CF9B

# Rectangle

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



74D3E9



A5C8FC



FAB6A2



D9C48E

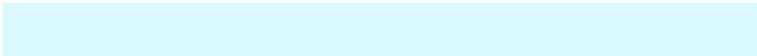


# Sweetspot

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



74D3E9



D9F8FF



74E989



697B80



000000



808080

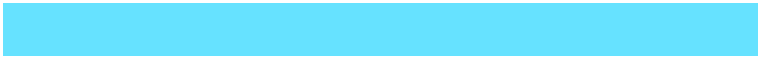


# Same Dimension

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



74D3E9



66E2FF



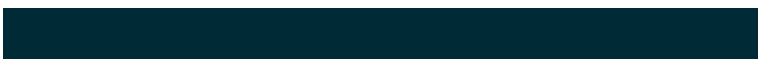
7499E9



6A7375



0093B5



002B36



# Inverse Universe

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



E974D3



FF66E2



E9C474



756A73



B50093

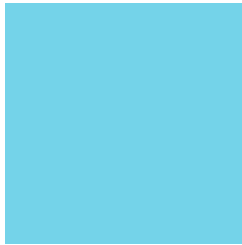


36002B



# Previews

## White Background



This preview shows how the Hex color 74D3E9 looks on a white background.

## Color Contrast Check

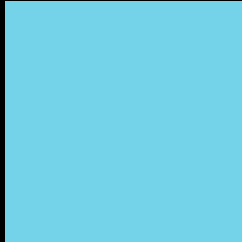
Large Text (above 18pt) WCAG AA × Fail

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 74D3E9 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 74D3E9 Background



This preview shows how black text looks on a background with the Hex color 74D3E9.

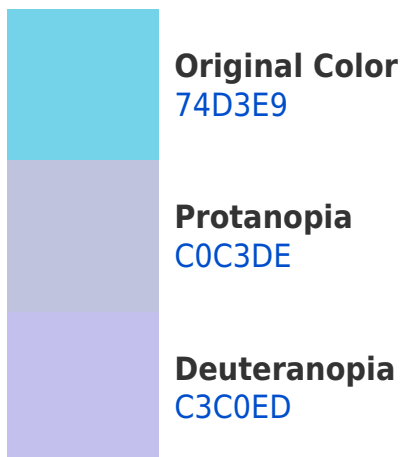


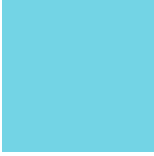
This preview shows how white text looks on a background with the Hex color 74D3E9.

# 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](#).

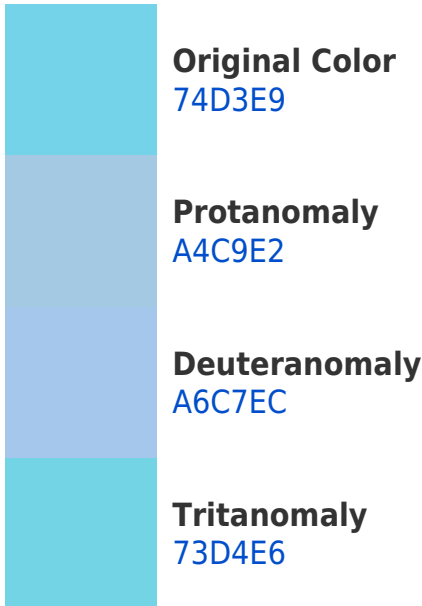
## Dichromacy



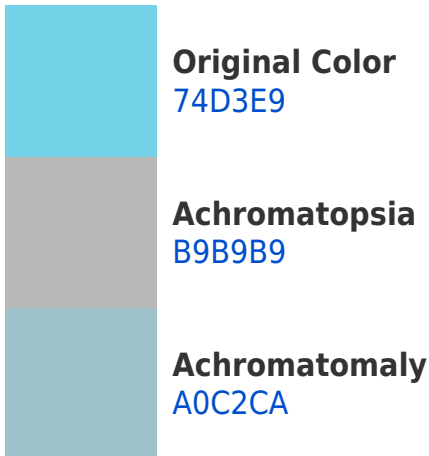


**Tritanopia**  
73D4E5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 74D3E9 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 #74D3E9 looks like.

```
.text, #text, p{  
    color:#74D3E9  
}
```

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 #74D3E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74D3E9
}
```

## Border

The CSS property to change the border of an element to Hex 74D3E9 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
#74D3E9 }
```

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

```
.border{ border-color:#74D3E9 }
```

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

Here you see how a box with a 4 pixel #74D3E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74D3E9; -webkit-box-shadow:4px 4px  
4px 4px #74D3E9; box-shadow:4px 4px 4px  
4px #74D3E9 }
```

# Background

The CSS property to change the background color of an element to Hex 74D3E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74D3E9 }
```

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

```
.background{ background-color:#74D3E9 }
```

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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