

# Converting Colors

Hex(74E9F3)

Have a look what the booklet for  
Hex(74E9F3) contains.

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# **Color**

**Hex(74E9F3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	74E9F3
RGB	116, 233, 243
RGB Percent	45%, 91%, 95%
CMY	0.5451, 0.0863, 0.0471
CMYK	0.52, 0.04, 0.00, 0.05
HSL	185°, 84%, 70%
HSV	185°, 52%, 95%
XYZ	52.5190, 68.4619, 95.2404
YIQ	199.1570, -72.9420, -21.6940

# Conversions

## Conversions Part 2

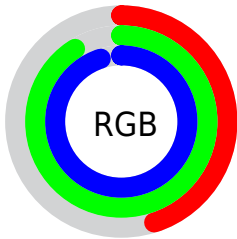
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">116, 177, 243</a>
Decimal	<a href="#">7662067</a>
CIELab	<a href="#">86.24, -30.38, -15.00</a>
CIELCh	<a href="#">86, 33.883, 206.278</a>
Yxy	<a href="#">68.4619, 0.2429, 0.3166</a>
Android (android.graphics.Color)	<a href="#">4285852147 (0xFF74E9F3)</a>
YUV	<a href="#">199.1570, 21.6146, -72.9287</a>
Hunter-Lab	<a href="#">82.7417, -31.4978, -10.3270</a>

# Details

The Hex color **74E9F3** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **F37E74**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **B0FFFF**, and **30B1BB** is the 20% darker color. If you saturate the color by 10%, you get **5CE7F3**, and if you desaturate by 10%, it is **8CEBF3**.

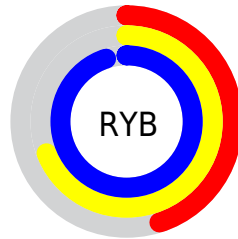
# Distribution



Red (45%)

Green (91%)

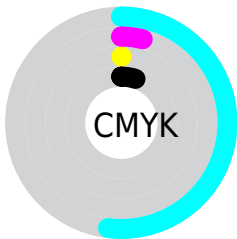
Blue (95%)



Red (45%)

Yellow (69%)

Blue (95%)

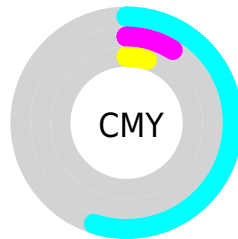


Cyan (52%)

Magenta (4%)

Yellow (0%)

Black (5%)



Cyan (55%)

Magenta (9%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 74E9F3 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 74E9F3 by changing the saturation by 10% instead.



 74E9F3

 74E9F3

FFFFFF

 54CDD7

 B0FFFF

 30B1BB

 CEFFFF

 0096A0

 EDFFFF

 007C86

 00626C

 004A54

 00333D

 001F27

 000113

 74E9F3

 74E9F3

 5CE7F3

 8CEBF3

 43E5F3

 A5EDF3

 2BE3F3

 BDEFF3

 13E1F3

 D5F1F3

 00E0F3

 EDF3F3

 FFF4F3

 FFF6F3

 FFF8F3

 FFFAF3

# Harmonies

## Analogous

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



89E9D2



74E9F3



80E4FF

# Triad

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



74E9F3



FDC6FC



F2D498

# Complementary

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



74E9F3



F37E74

# 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.



FFCAA3



74E9F3



FFC0DD

# Square

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



74E9F3



D7D1FF



FFC2BD



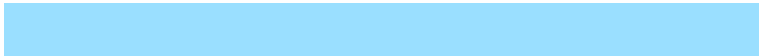
D1DE9E

# Rectangle

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



74E9F3



9ADFFF



FFC2BD



FCD19A



# Sweetspot

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



74E9F3



D6FCFF



74F37C



677E80



000000



808080



# Same Dimension

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



74E9F3



5EF2FF



74ABF3



6E797A



00ABBA



00363B



# Inverse Universe

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



F374E9



FF5EF2



F3BC74



7A6E79



BA00AB

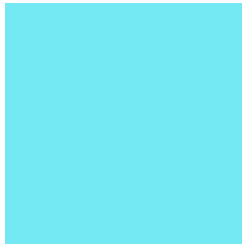


3B0036



# Previews

## White Background



This preview shows how the Hex color 74E9F3 looks on a white background.

## Color Contrast Check

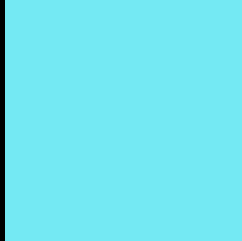
Large Text (above 18pt) WCAG AA × Fail

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 74E9F3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

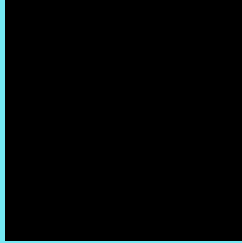
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 74E9F3 Background



This preview shows how black text looks on a background with the Hex color 74E9F3.

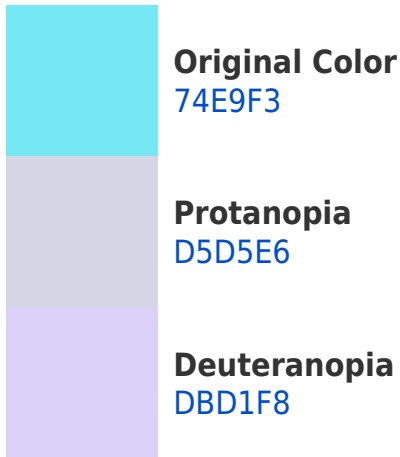


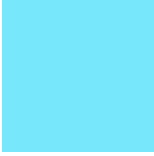
This preview shows how white text looks on a background with the Hex color 74E9F3.

# 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





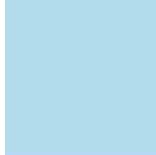
**Tritanopia**  
77E8FB

# Trichromacy



**Original Color**

74E9F3



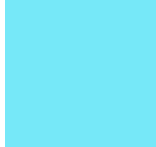
**Protanomaly**

B2DCEB



**Deuteranomaly**

B6DAF6



**Tritanomaly**

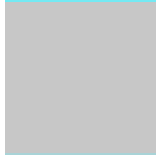
76E8F8

# Monochromacy



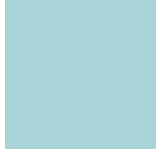
**Original Color**

74E9F3



**Achromatopsia**

C7C7C7



**Achromatomaly**

A9D3D7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 74E9F3 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 #74E9F3 looks like.

```
.text, #text, p{  
    color:#74E9F3  
}
```

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 #74E9F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74E9F3
}
```

## Border

The CSS property to change the border of an element to Hex 74E9F3 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
#74E9F3 }
```

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

```
.border{ border-color:#74E9F3 }
```

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

Here you see how a box with a 4 pixel #74E9F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74E9F3; -webkit-box-shadow:4px 4px  
4px 4px #74E9F3; box-shadow:4px 4px 4px  
4px #74E9F3 }
```

# Background

The CSS property to change the background color of an element to Hex 74E9F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74E9F3 }
```

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

```
.background{ background-color:#74E9F3 }
```

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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