

Converting Colors

Hex(70E3F4)

Have a look what the booklet for
Hex(70E3F4) contains.

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Color

Hex(70E3F4)

Conversions

Conversions Part 1

Format	Color
Hex	70E3F4
RGB	112, 227, 244
RGB Percent	44%, 89%, 96%
CMY	0.5608, 0.1098, 0.0431
CMYK	0.54, 0.07, 0.00, 0.04
HSL	188°, 86%, 70%
HSV	188°, 54%, 96%
XYZ	50.4803, 64.9146, 95.4571
YIQ	194.5530, -73.9970, -19.0930

Conversions

Conversions Part 2

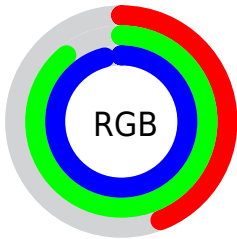
Format	Color
R _Y B	112, 173, 244
Decimal	7398388
CIE Lab	84.44, -28.01, -18.24
CIE LCh	84, 33.431, 213.075
Yxy	64.9146, 0.2394, 0.3079
Android (android.graphics.Color)	4285588468 (0xFF70E3F4)
YUV	194.5530, 24.3774, -72.3990
Hunter-Lab	80.5696, -29.1588, -13.8468

Details

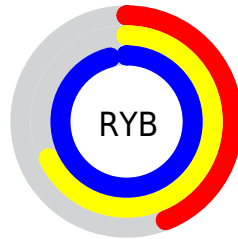
The Hex color **70E3F4** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **F48170**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **ADFFFF**, and **2AABBC** is the 20% darker color. If you saturate the color by 10%, you get **58E0F4**, and if you desaturate by 10%, it is **88E6F4**.

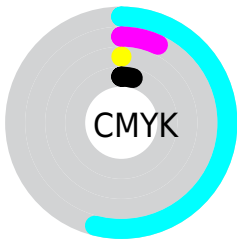
Distribution



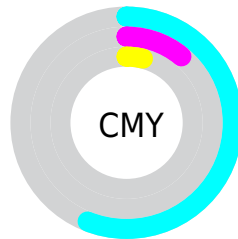
- Red (44%)
- Green (89%)
- Blue (96%)



- Red (44%)
- Yellow (68%)
- Blue (96%)



- Cyan (54%)
- Magenta (7%)
- Yellow (0%)
- Black (4%)



- Cyan (56%)
- Magenta (11%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70E3F4 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 70E3F4 by changing the saturation by 10% instead.

 70E3F4

 70E3F4


FFFFFF

 50C7D8

 ADFFFF

 2AABBC

 CBFFFF

 0091A1

 E9FFFF

 007787

 005E6D

 004555

 002E3E

 001A28

 000113

 70E3F4

 70E3F4

 58E0F4

 88E6F4

 3FDDF4

 A1E9F4

 27DAF4

 B9ECF4

 0ED6F4

 D2F0F4

 00D5F4

 EAF3F4

 FFF6F4

 FFF9F4

 FFFCF4

 FFFFF4

Harmonies

Analogous

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



7EE4D5



70E3F4



84DEFF

Triad

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



70E3F4



FEC0F0



E6D294

Complementary

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



70E3F4



F48170

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.



FFC79B



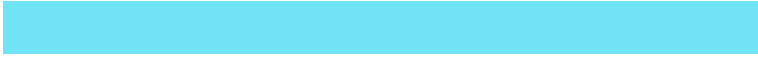
70E3F4



FFBBD1

Square

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



70E3F4



DCC9FF



FFBEB2



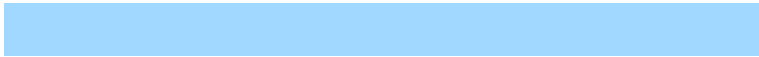
C4DB9D

Rectangle

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



70E3F4



A0D8FF



FFBEB2



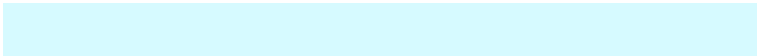
F0CE94

Sweetspot

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



70E3F4



D6FAFF



70F47F



677C80



000000



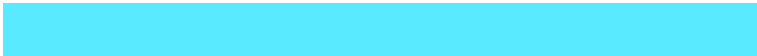
808080

Same Dimension

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



70E3F4



59EAFF



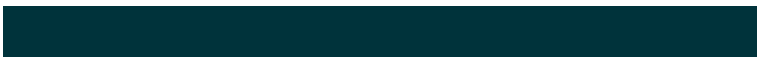
70A3F4



6E797A



00A2BA



00333B

Inverse Universe

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



F470E3



FF59EA



F4C170



7A6E79



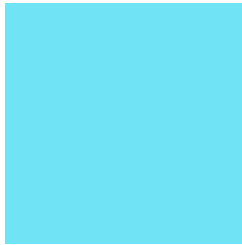
BA00A2



3B0033

Previews

White Background



This preview shows how the Hex color 70E3F4 looks on a white background.

Color Contrast Check

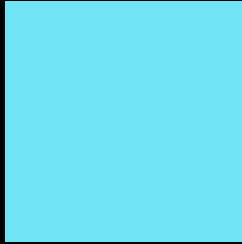
Large Text (above 18pt) WCAG AA × Fail

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 70E3F4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

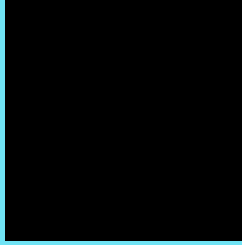
Any Text WCAG AA ✓ Pass

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 70E3F4 Background



This preview shows how black text looks on a background with the Hex color 70E3F4.

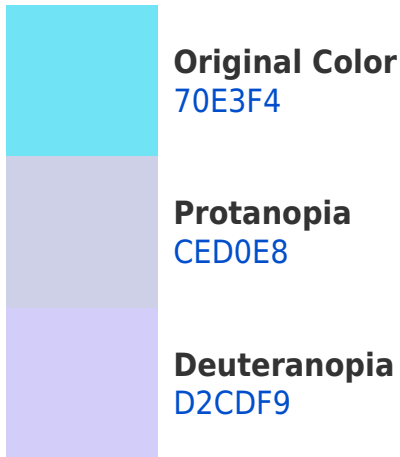


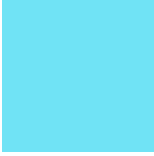
This preview shows how white text looks on a background with the Hex color 70E3F4.

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



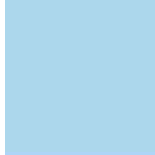


Tritanopia
70E3F5

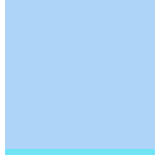
Trichromacy



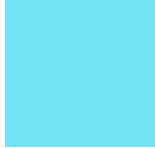
Original Color
70E3F4



Protanomaly
ACD7EC



Deuteranomaly
AED5F7

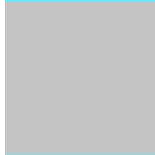


Tritanomaly
70E3F5

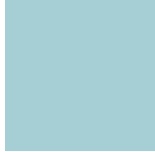
Monochromacy



Original Color
70E3F4



Achromatopsia
C3C3C3



Achromatomaly
A5CFD5

CSS Examples

Text

The CSS property to change the color of the text to Hex 70E3F4 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 #70E3F4 looks like.

```
.text, #text, p{  
    color:#70E3F4  
}
```

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 #70E3F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70E3F4
}
```

Border

The CSS property to change the border of an element to Hex 70E3F4 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
#70E3F4 }
```

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

```
.border{ border-color:#70E3F4 }
```

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

Here you see how a box with a 4 pixel #70E3F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70E3F4; -webkit-box-shadow:4px 4px  
4px 4px #70E3F4; box-shadow:4px 4px 4px  
4px #70E3F4 }
```

Background

The CSS property to change the background color of an element to Hex 70E3F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70E3F4 }
```

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

```
.background{ background-color:#70E3F4 }
```

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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