

Converting Colors

Hex(70E9ED)

Have a look what the booklet for
Hex(70E9ED) contains.

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Color

Hex(70E9ED)

Conversions

Conversions Part 1

Format	Color
Hex	70E9ED
RGB	112, 233, 237
RGB Percent	44%, 91%, 93%
CMY	0.5608, 0.0863, 0.0706
CMYK	0.53, 0.02, 0.00, 0.07
HSL	182°, 78%, 68%
HSV	182°, 53%, 93%
XYZ	51.1071, 67.8370, 90.5210
YIQ	197.2770, -73.4000, -24.4080

Conversions

Conversions Part 2

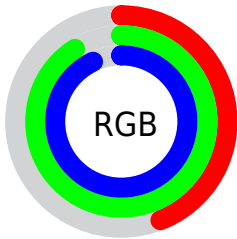
Format	Color
R _Y B	112, 173, 237
Decimal	7399917
CIE Lab	85.92, -32.75, -12.33
CIE LCh	86, 34.990, 200.626
Yxy	67.8370, 0.2440, 0.3239
Android (android.graphics.Color)	4285589997 (0xFF70E9ED)
YUV	197.2770, 19.5834, -74.7879
Hunter-Lab	82.3632, -33.3749, -7.5082

Details

The Hex color **70E9ED** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **ED7470**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **ADFFFF**, and **2AB1B5** is the 20% darker color. If you saturate the color by 10%, you get **58E8ED**, and if you desaturate by 10%, it is **88EAED**.

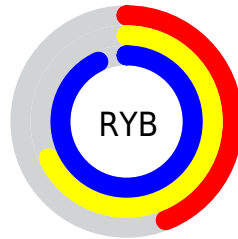
Distribution



Red (44%)

Green (91%)

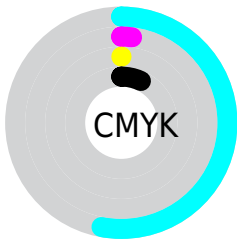
Blue (93%)



Red (44%)

Yellow (68%)

Blue (93%)

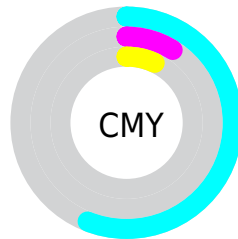


Cyan (53%)

Magenta (2%)

Yellow (0%)

Black (7%)



Cyan (56%)

Magenta (9%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70E9ED 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 70E9ED by changing the saturation by 10% instead.

 70E9ED

 70E9ED

FFFFFF

 50CDD1

 ADFFFF

 2AB1B5

 CBFFFF

 00969A

 E9FFFF

 007C80

 006267

 004A4F

 003238

 001E23

 00010D

 70E9ED

 70E9ED

 58E8ED


 88EAED

 41E7ED

 9FEBED

 29E7ED

 B7EBED

 11E6ED

 CFECED

 00E5ED

 E6EDED

 FEEEEED

 FFEEED

 FFEFED

 FFF0ED

Harmonies

Analogous

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



8BE9CB



70E9ED



76E5FF

Triad

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



70E9ED



F7C7FF



F8D196

Complementary

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



70E9ED



ED7470

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.



FFC6A5



70E9ED



FFBFE3

Square

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



70E9ED



CDD2FF



FFBFC1



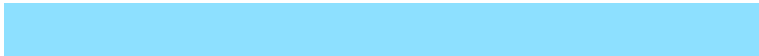
D7DC98

Rectangle

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



70E9ED



8DE0FF



FFBFC1



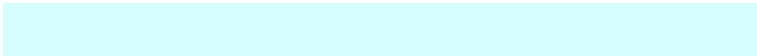
FFCD99

Sweetspot

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



70E9ED



D6FEFF



70ED72



677F80



000000



808080

Same Dimension

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



70E9ED



5EFAFF



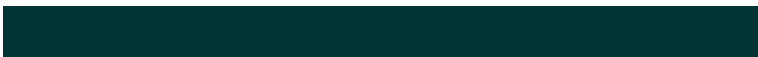
70ACED



6A7575



00AFB5



003436

Inverse Universe

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



ED70E9



FF5EFA



EDB170



756A75



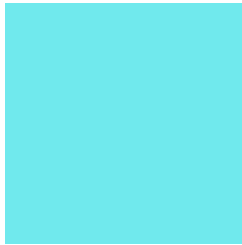
B500AF



360034

Previews

White Background



This preview shows how the Hex color 70E9ED looks on a white background.

Color Contrast Check

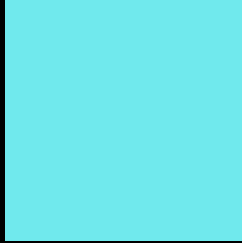
Large Text (above 18pt) WCAG AA × Fail

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 70E9ED looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

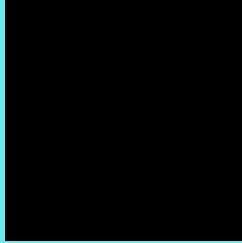
Any Text WCAG AA ✓ Pass

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 70E9ED Background



This preview shows how black text looks on a background with the Hex color 70E9ED.

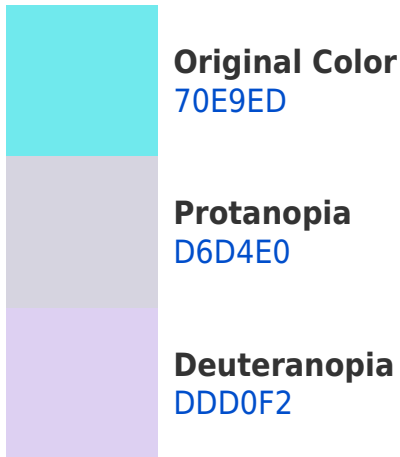


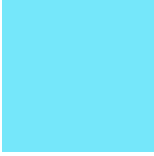
This preview shows how white text looks on a background with the Hex color 70E9ED.

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
75E7FA

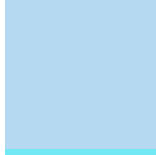
Trichromacy



Original Color
70E9ED



Protanomaly
B1DCE5



Deuteranomaly
B5D9F0

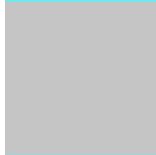


Tritanomaly
73E8F5

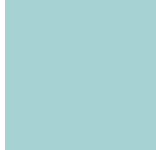
Monochromacy



Original Color
70E9ED



Achromatopsia
C5C5C5



Achromatomaly
A6D2D4

CSS Examples

Text

The CSS property to change the color of the text to Hex 70E9ED 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 #70E9ED looks like.

```
.text, #text, p{  
    color:#70E9ED  
}
```

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 #70E9ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70E9ED
}
```

Border

The CSS property to change the border of an element to Hex 70E9ED 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
#70E9ED }
```

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

```
.border{ border-color:#70E9ED }
```

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

Here you see how a box with a 4 pixel #70E9ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70E9ED; -webkit-box-shadow:4px 4px  
4px 4px #70E9ED; box-shadow:4px 4px 4px  
4px #70E9ED }
```

Background

The CSS property to change the background color of an element to Hex 70E9ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70E9ED }
```

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

```
.background{ background-color:#70E9ED }
```

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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