

Converting Colors

Hex(71E8EE)

Have a look what the booklet for
Hex(71E8EE) contains.

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Color

Hex(71E8EE)

Conversions

Conversions Part 1

Format	Color
Hex	71E8EE
RGB	113, 232, 238
RGB Percent	44%, 91%, 93%
CMY	0.5569, 0.0902, 0.0667
CMYK	0.53, 0.03, 0.00, 0.07
HSL	183°, 79%, 69%
HSV	183°, 53%, 93%
XYZ	51.0993, 67.3970, 91.2046
YIQ	197.1030, -72.8500, -23.3620

Conversions

Conversions Part 2

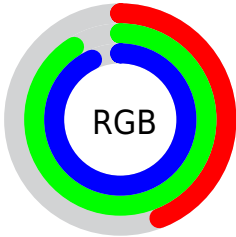
Format	Color
RYB	113, 174, 238
Decimal	7465198
CIELab	85.70, -31.82, -13.18
CIELCh	86, 34.437, 202.501
Yxy	67.3970, 0.2437, 0.3214
Android (android.graphics.Color)	4285655278 (0xFF71E8EE)
YUV	197.1030, 20.1622, -73.7583
Hunter-Lab	82.0957, -32.5626, -8.4016

Details

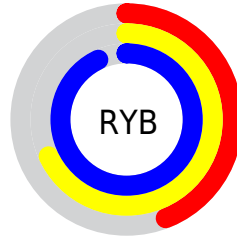
The Hex color **71E8EE** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **EE7771**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **ADFFFF**, and **2CB0B6** is the 20% darker color. If you saturate the color by 10%, you get **59E7EE**, and if you desaturate by 10%, it is **89E9EE**.

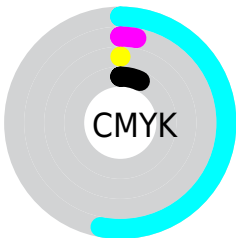
Distribution



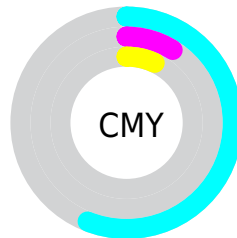
- Red (44%)
- Green (91%)
- Blue (93%)



- Red (44%)
- Yellow (68%)
- Blue (93%)



- Cyan (53%)
- Magenta (3%)
- Yellow (0%)
- Black (7%)




- Cyan (56%)
- Magenta (9%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71E8EE 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 71E8EE by changing the saturation by 10% instead.

 71E8EE

 71E8EE

FFFFFF

 51CCD2

 ADFFFF

 2CB0B6

 CCFFFF

 00959B

 EAFFFF

 007B81

 006168


 004950

 003239

 001D24

 00010E

 71E8EE

 71E8EE

 59E7EE

 89E9EE

 41E6EE

 A1EAEE

 2AE5EE

 B8EBEE

 12E3EE

 D0EDEE

 00E3EE

 E8EEEE

 FFEFEE

 FFF0EE

 FFF1EE

 FFF2EE

Harmonies

Analogous

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



8AE8CD



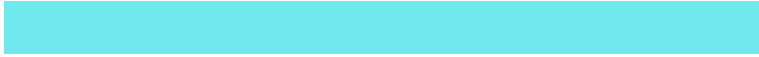
71E8EE



79E4FF

Triad

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



71E8EE



F8C6FE



F5D196

Complementary

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



71E8EE



EE7771

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.



FFC7A4



71E8EE



FFBFEO

Square

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



71E8EE



D0D1FF



FFBFBF



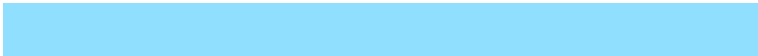
D4DC99

Rectangle

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



71E8EE



91DFFF



FFBFBF



FECE99

Sweetspot

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



71E8EE



D6FDFD



71EE75



677E80



000000



808080

Same Dimension

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



71E8EE



5EF7FF



71ABEE



6C7778



00AFB8



003538

Inverse Universe

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



EE71E8



FF5EF7



EEB471



786C77



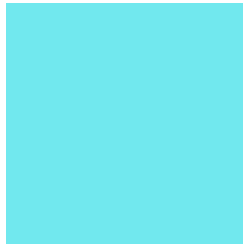
B800AF



380035

Previews

White Background



This preview shows how the Hex color 71E8EE looks on a white background.

Color Contrast Check

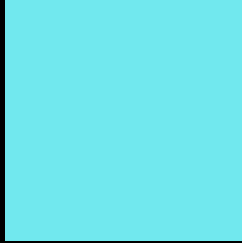
Large Text (above 18pt) WCAG AA × Fail

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 71E8EE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

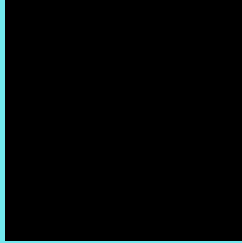
Any Text WCAG AA ✓ Pass

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 71E8EE Background



This preview shows how black text looks on a background with the Hex color 71E8EE.

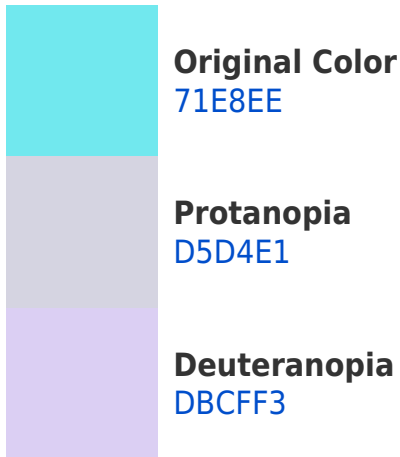


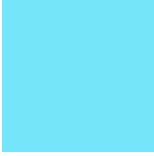
This preview shows how white text looks on a background with the Hex color 71E8EE.

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





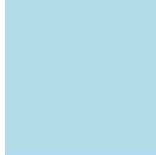
Tritanopia
75E6F9

Trichromacy



Original Color

71E8EE



Protanomaly

B1DBE6



Deuteranomaly

B4D8F1



Tritanomaly

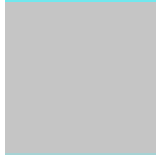
74E7F5

Monochromacy



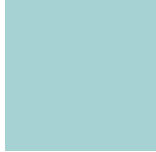
Original Color

71E8EE



Achromatopsia

C5C5C5



Achromatomaly

A6D2D4

CSS Examples

Text

The CSS property to change the color of the text to Hex 71E8EE 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 #71E8EE looks like.

```
.text, #text, p{  
    color:#71E8EE  
}
```

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 #71E8EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71E8EE
}
```

Border

The CSS property to change the border of an element to Hex 71E8EE 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
#71E8EE }
```

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

```
.border{ border-color:#71E8EE }
```

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

Here you see how a box with a 4 pixel #71E8EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71E8EE; -webkit-box-shadow:4px 4px  
4px 4px #71E8EE; box-shadow:4px 4px 4px  
4px #71E8EE }
```

Background

The CSS property to change the background color of an element to Hex 71E8EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71E8EE }
```

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

```
.background{ background-color:#71E8EE }
```

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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