

Converting Colors

Hex(74E2EE)

Have a look what the booklet for
Hex(74E2EE) contains.

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Color

Hex(74E2EE)

Conversions

Conversions Part 1

Format	Color
Hex	74E2EE
RGB	116, 226, 238
RGB Percent	45%, 89%, 93%
CMY	0.5451, 0.1137, 0.0667
CMYK	0.51, 0.05, 0.00, 0.07
HSL	186°, 78%, 69%
HSV	186°, 51%, 93%
XYZ	49.8314, 64.2788, 90.6696
YIQ	194.4780, -69.4120, -19.5880

Conversions

Conversions Part 2

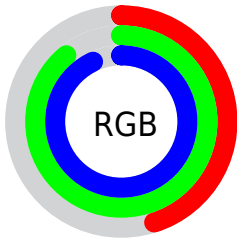
Format	Color
RYB	116, 174, 238
Decimal	7660270
CIELab	84.11, -28.34, -15.56
CIELCh	84, 32.328, 208.765
Yxy	64.2788, 0.2433, 0.3139
Android (android.graphics.Color)	4285850350 (0xFF74E2EE)
YUV	194.4780, 21.4563, -68.8252
Hunter-Lab	80.1740, -29.3595, -10.9298

Details

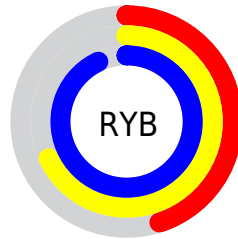
The Hex color **74E2EE** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **EE8074**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **B0FFFF**, and **32AAB6** is the 20% darker color. If you saturate the color by 10%, you get **5CE0EE**, and if you desaturate by 10%, it is **8CE4EE**.

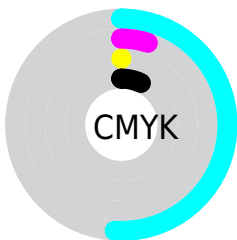
Distribution



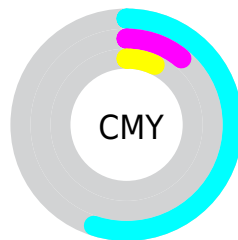
- Red (45%)
- Green (89%)
- Blue (93%)



- Red (45%)
- Yellow (68%)
- Blue (93%)



- Cyan (51%)
- Magenta (5%)
- Yellow (0%)
- Black (7%)



- Cyan (55%)
- Magenta (11%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 74E2EE 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 74E2EE by changing the saturation by 10% instead.

 74E2EE

 74E2EE


FFFFFF

 55C6D2

 B0FFFF

 32AAB6

 CEFFFF

 00909B

 ECFFFF

 007681

 005D68

 004550

 002E39

 001824

 00010D

 74E2EE

 74E2EE

 5CE0EE

 8CE4EE

 44DDEE

 A4E7EE

 2DDBEE

 BBE9EE

 15D9EE

 D3EBEE

 00D7EE

 EBEEEE

 FFF0EE

 FFF2EE

 FFF5EE

 FFF7EE

Harmonies

Analogous

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



85E3CF



74E2EE



82DDFF

Triad

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



74E2EE



F8C1F2



E9CF95

Complementary

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



74E2EE



EE8074

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.



FFC59F



74E2EE



FFBCD4

Square

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



74E2EE



D5CAFF



FFBDB6



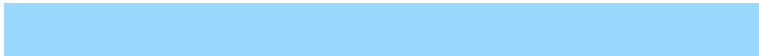
C9D99C

Rectangle

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



74E2EE



9BD8FF



FFBDB6



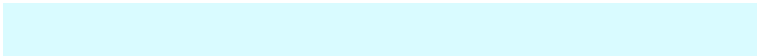
F2CC96

Sweetspot

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



74E2EE



D9FBFF



74EE7E



697D80



000000



808080

Same Dimension

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



74E2EE



61EFFF



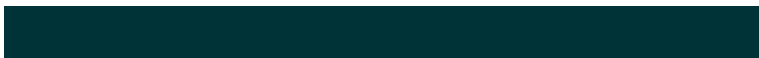
74A7EE



6C7778



00A6B8



003338

Inverse Universe

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



EE74E2



FF61EF



EEBB74



786C77



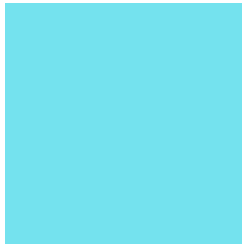
B800A6



380033

Previews

White Background



This preview shows how the Hex color 74E2EE looks on a white background.

Color Contrast Check

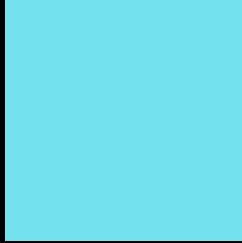
Large Text (above 18pt) WCAG AA × Fail

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 74E2EE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

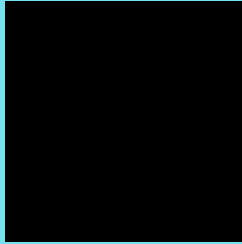
Any Text WCAG AA ✓ Pass

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 74E2EE Background



This preview shows how black text looks on a background with the Hex color 74E2EE.

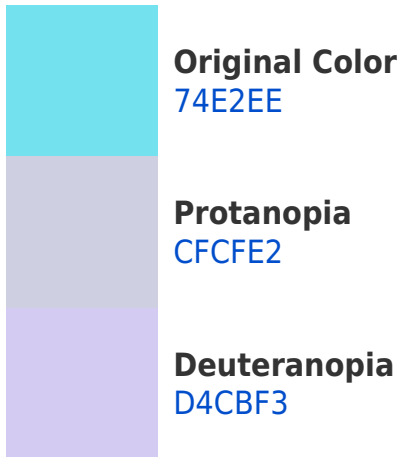


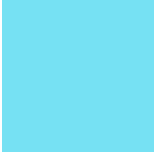
This preview shows how white text looks on a background with the Hex color 74E2EE.

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



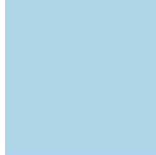


Tritanopia
76E1F3

Trichromacy



Original Color
74E2EE



Protanomaly
AED6E6



Deuteranomaly
B1D3F1

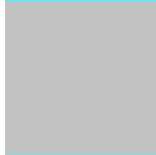


Tritanomaly
75E1F1

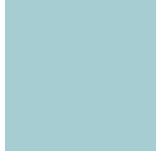
Monochromacy



Original Color
74E2EE



Achromatopsia
C2C2C2



Achromatomaly
A6CED2

CSS Examples

Text

The CSS property to change the color of the text to Hex 74E2EE 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 #74E2EE looks like.

```
.text, #text, p{  
    color:#74E2EE  
}
```

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 #74E2EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74E2EE
}
```

Border

The CSS property to change the border of an element to Hex 74E2EE 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
#74E2EE }
```

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

```
.border{ border-color:#74E2EE }
```

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

Here you see how a box with a 4 pixel #74E2EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74E2EE; -webkit-box-shadow:4px 4px  
4px 4px #74E2EE; box-shadow:4px 4px 4px  
4px #74E2EE }
```

Background

The CSS property to change the background color of an element to Hex 74E2EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74E2EE }
```

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

```
.background{ background-color:#74E2EE }
```

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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