

Converting Colors

Hex(70EFE8)

Have a look what the booklet for
Hex(70EFE8) contains.

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Color

Hex(70EFE8)

Conversions

Conversions Part 1

Format	Color
Hex	70EFE8
RGB	112, 239, 232
RGB Percent	44%, 94%, 91%
CMY	0.5608, 0.0627, 0.0902
CMYK	0.53, 0.00, 0.03, 0.06
HSL	177°, 80%, 69%
HSV	177°, 53%, 94%
XYZ	52.1141, 71.0039, 87.3024
YIQ	200.2290, -73.4450, -29.1010

Conversions

Conversions Part 2

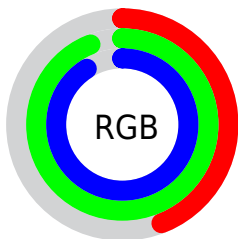
Format	Color
RYB	112, 177, 239
Decimal	7401448
CIELab	87.49, -36.83, -7.38
CIELCh	87, 37.558, 191.327
Yxy	71.0039, 0.2477, 0.3374
Android (android.graphics.Color)	4285591528 (0xFF70EFE8)
YUV	200.2290, 15.6631, -77.3768
Hunter-Lab	84.2638, -37.0660, -2.4433

Details

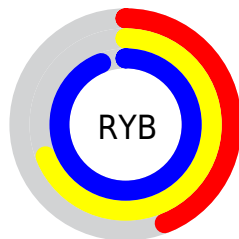
The Hex color **70EFE8** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **EF7077**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **ADFFFF**, and **29B6B0** is the 20% darker color. If you saturate the color by 10%, you get **58EFE7**, and if you desaturate by 10%, it is **88EFE9**.

Distribution



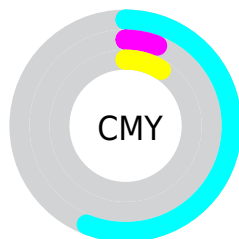
- Red (44%)
- Green (94%)
- Blue (91%)



- Red (44%)
- Yellow (69%)
- Blue (94%)



- Cyan (53%)
- Magenta (0%)
- Yellow (3%)
- Black (6%)



- Cyan (56%)
- Magenta (6%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70EFE8 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 70EFE8 by changing the saturation by 10% instead.

 70EFE8

 70EFE8


FFFFFF

 50D2CC

 ADFFFF

 29B6B0

 CBFFFF

 009B96

 E9FFFF

 00817C

 006763

 004E4B

 003635

 002220

 000007

 70EFE8

 70EFE8

 58EFE7

 88EFE9

 40EFE5

 A0EFEB

 28EFE4

 B8EFEC

 10EFE3

 D0EFED

 00EFE2

 E7EFEF

 FFEFF0

 FFEFF1

 FFEFF3

 FFEFF4

Harmonies

Analogous

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



95EDC3



70EFE8



67ECFF

Triad

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



70EFE8



F1CDFE



FFD198

Complementary

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



70EFE8



EF7077

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.



FFC6AE



70EFE8



FFC3F3

Square

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



70EFE8



C0DAFF



FFC1CF



E7DD95

Rectangle

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



70EFE8



7CE8FF



FFC1CF



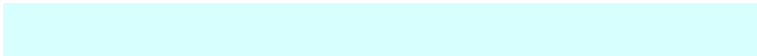
FFCD9E

Sweetspot

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



70EFE8



D6FFFD



78EF70



67807E



000000



808080

Same Dimension

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



70EFE8



5CFFF6



70B8EF



6C7877



00B8AD



003835

Inverse Universe

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



EF7077



FF5C65



EFA770



786C6D



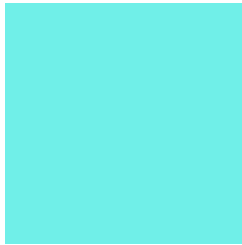
B8000A



380003

Previews

White Background



This preview shows how the Hex color 70EFE8 looks on a white background.

Color Contrast Check

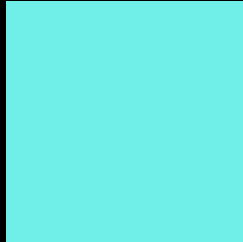
Large Text (above 18pt) WCAG AA × Fail

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 70EFE8 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

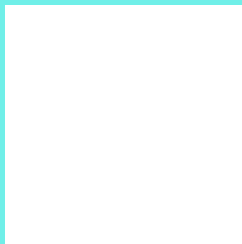
Any Text WCAG AAA ✓ Pass

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

Hex 70EFE8 Background



This preview shows how black text looks on a background with the Hex color 70EFE8.

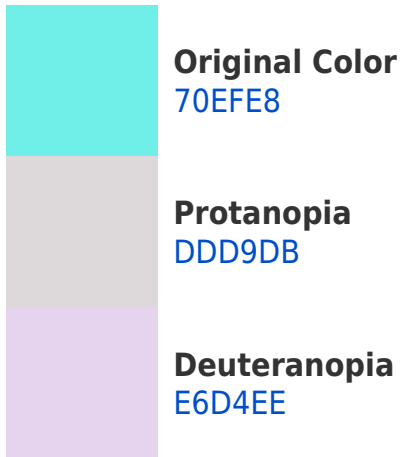


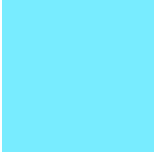
This preview shows how white text looks on a background with the Hex color 70EFE8.

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



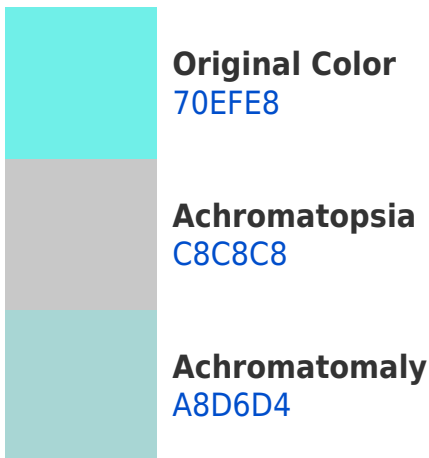


Tritanopia
78ECFF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 70EFE8 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 #70EFE8 looks like.

```
.text, #text, p{  
    color:#70EFE8  
}
```

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 #70EFE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70EFE8  
}
```

Border

The CSS property to change the border of an element to Hex 70EFE8 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  
#70EFE8 }
```

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

```
.border{ border-color:#70EFE8 }
```

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

Here you see how a box with a 4 pixel #70EFE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70EFE8; -webkit-box-shadow:4px 4px  
4px 4px #70EFE8; box-shadow:4px 4px 4px  
4px #70EFE8 }
```

Background

The CSS property to change the background color of an element to Hex 70EFE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70EFE8 }
```

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

```
.background{ background-color:#70EFE8 }
```

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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