

Converting Colors

Hex(70E7E8)

Have a look what the booklet for
Hex(70E7E8) contains.

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Color

Hex(70E7E8)

Conversions

Conversions Part 1

Format	Color
Hex	70E7E8
RGB	112, 231, 232
RGB Percent	44%, 91%, 91%
CMY	0.5608, 0.0941, 0.0902
CMYK	0.52, 0.00, 0.00, 0.09
HSL	180°, 72%, 67%
HSV	180°, 52%, 91%
XYZ	49.8235, 66.4228, 86.5388
YIQ	195.5330, -71.2450, -24.9170

Conversions

Conversions Part 2

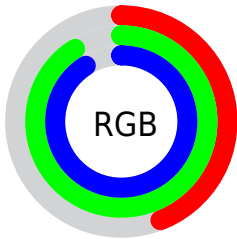
Format	Color
RYB	112, 172, 232
Decimal	7399400
CIELab	85.21, -33.11, -10.76
CIELCh	85, 34.809, 198.000
Yxy	66.4228, 0.2457, 0.3276
Android (android.graphics.Color)	4285589480 (0xFF70E7E8)
YUV	195.5330, 17.9782, -73.2584
Hunter-Lab	81.5002, -33.5029, -5.9054

Details

The Hex color **70E7E8** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **E87170**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **ACFFFF**, and **2BAFB0** is the 20% darker color. If you saturate the color by 10%, you get **59E7E8**, and if you desaturate by 10%, it is **87E7E8**.

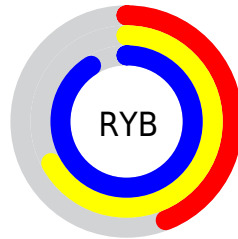
Distribution



Red (44%)

Green (91%)

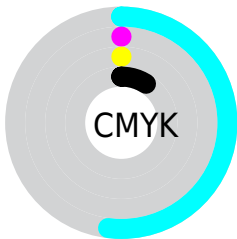
Blue (91%)



Red (44%)

Yellow (67%)

Blue (91%)

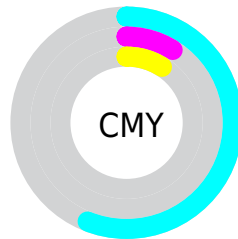


Cyan (52%)

Magenta (0%)

Yellow (0%)

Black (9%)



Cyan (56%)

Magenta (9%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70E7E8 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 70E7E8 by changing the saturation by 10% instead.

 70E7E8

FFFFFF

 ACFFFF


 CAFFFF

 E8FFFF

 70E7E8

 50CBCC

 2BAFB0

 009496

 007A7C

 006063

 00484B

 003135

 001C20

 000006

 70E7E8

 70E7E8

 59E7E8

 87E7E8

 42E7E8

 9EE7E8

 2AE6E8

 B6E8E8

 13E6E8

 CDE8E8

 00E6E8

 E4E8E8

 FBE8E8

 FFE8E8

 FFE9E8

Harmonies

Analogous

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



8DE6C6



70E7E8



72E4FF

Triad

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



70E7E8



F2C6FF



F8CE95

Complementary

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



70E7E8



E87170

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.



FFC4A5



70E7E8



FFBEE4

Square

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



70E7E8



C7D1FF



FFBDC2



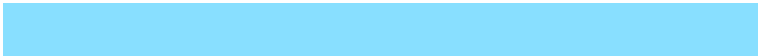
D8D996

Rectangle

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



70E7E8



88DFFF



FFBDC2



FFCB99

Sweetspot

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



70E7E8



D6FFFF



70E870



677F80



000000



808080

Same Dimension

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



70E7E8



61FEFF



70ACE8



677373



00B1B3



003333

Inverse Universe

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



E870E7



FF61FE



E8AC70



736773



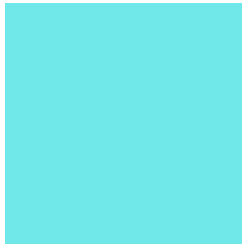
B300B1



330033

Previews

White Background



This preview shows how the Hex color 70E7E8 looks on a white background.

Color Contrast Check

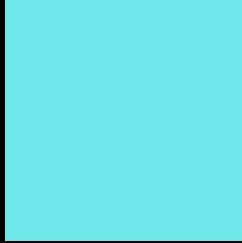
Large Text (above 18pt) WCAG AA × Fail

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 70E7E8 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 70E7E8 Background



This preview shows how black text looks on a background with the Hex color 70E7E8.

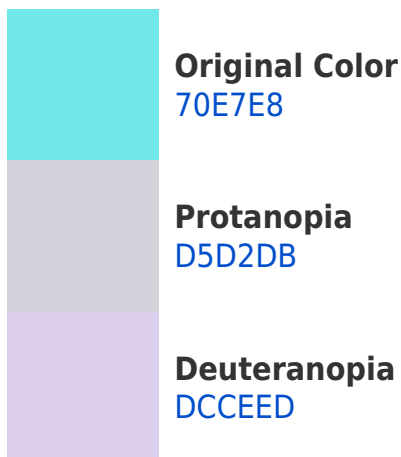


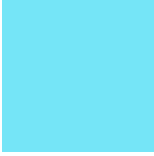
This preview shows how white text looks on a background with the Hex color 70E7E8.

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](#).

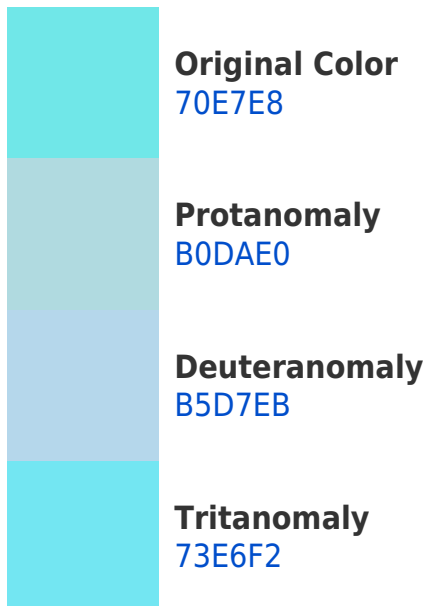
Dichromacy



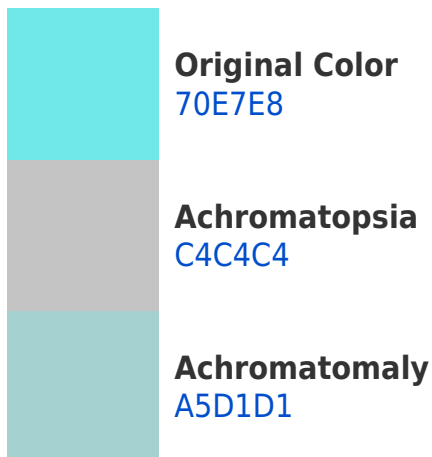


Tritanopia
75E5F7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 70E7E8 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 #70E7E8 looks like.

```
.text, #text, p{  
    color:#70E7E8  
}
```

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 #70E7E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70E7E8
}
```

Border

The CSS property to change the border of an element to Hex 70E7E8 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
#70E7E8 }
```

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

```
.border{ border-color:#70E7E8 }
```

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

Here you see how a box with a 4 pixel #70E7E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70E7E8; -webkit-box-shadow:4px 4px  
4px 4px #70E7E8; box-shadow:4px 4px 4px  
4px #70E7E8 }
```

Background

The CSS property to change the background color of an element to Hex 70E7E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70E7E8 }
```

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

```
.background{ background-color:#70E7E8 }
```

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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