

# Converting Colors

Hex(70E7E0)

Have a look what the booklet for  
Hex(70E7E0) contains.

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**Color**

**Hex(70E7E0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	70E7E0
RGB	112, 231, 224
RGB Percent	44%, 91%, 88%
CMY	0.5608, 0.0941, 0.1216
CMYK	0.52, 0.00, 0.03, 0.09
HSL	176°, 71%, 67%
HSV	176°, 52%, 91%
XYZ	48.7126, 65.9784, 80.6887
YIQ	194.6210, -68.6770, -27.4050

# Conversions

## Conversions Part 2

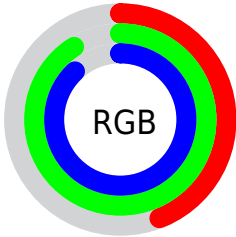
Format	Color
<a href="#">RYB</a>	<a href="#">112, 173, 231</a>
Decimal	<a href="#">7399392</a>
CIELab	<a href="#">84.99, -35.15, -6.87</a>
CIELCh	<a href="#">85, 35.815, 191.066</a>
Yxy	<a href="#">65.9784, 0.2493, 0.3377</a>
Android (android.graphics.Color)	<a href="#">4285589472</a> ( <a href="#">0xFF70E7E0</a> )
YUV	<a href="#">194.6210, 14.4838, -72.4586</a>
Hunter-Lab	<a href="#">81.2271, -35.0995, -2.0381</a>

# Details

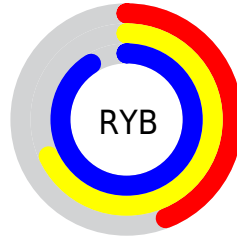
The Hex color **70E7E0** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **E77077**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **ACFFFF**, and **2DAFA9** is the 20% darker color. If you saturate the color by 10%, you get **59E7DF**, and if you desaturate by 10%, it is **87E7E1**.

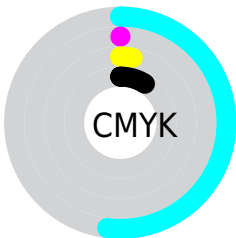
# Distribution



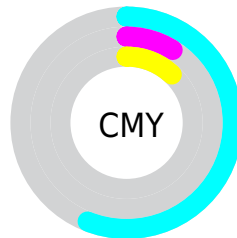
- Red (44%)
- Green (91%)
- Blue (88%)



- Red (44%)
- Yellow (68%)
- Blue (91%)



- Cyan (52%)
- Magenta (0%)
- Yellow (3%)
- Black (9%)



- Cyan (56%)
- Magenta (9%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 70E7E0 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 70E7E0 by changing the saturation by 10% instead.



 70E7E0

 70E7E0

FFFFFF

 51CBC4

 ACFFFF

 2DAFA9

 CAFFFF

 00948E

 E8FFFF

 007A75

 00605C

 004845

 00302F

 001B1A

 000000

 70E7E0

 70E7E0

 59E7DF

 87E7E1

 42E7DD

 9EE7E3

 2BE7DC

 B5E7E4

 14E7DB

 CCE7E5

 00E7D9

 E4E7E7

 FBE7E8

 FFE7EA

 FFE7EB

 FFE7EC

# Harmonies

## Analogous

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



92E5BD



70E7E0



68E5FF

# Triad

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



70E7E0



E9C7FF



FFCB95

# Complementary

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



70E7E0



E77077

# 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.



FFC0A9



70E7E0



FFBEEB

# Square

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



70E7E0



BAD3FF



FFBBC9



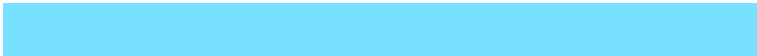
DFD691

# Rectangle

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



70E7E0



7AE0FF



FFBBC9



FFC79A



# Sweetspot

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



70E7E0



D9FFFD



78E770



69807E



000000



808080



# Same Dimension

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



70E7E0



61FFF6



70B3E7



677372



00B3A8



003330



# Inverse Universe

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



E77077



FF616A



E7A470



736768



B3000A

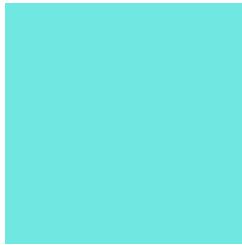


330003



# Previews

## White Background



This preview shows how the Hex color 70E7E0 looks on a white background.

## Color Contrast Check

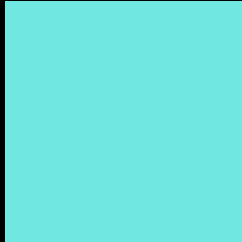
Large Text (above 18pt) WCAG AA × Fail

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 70E7E0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

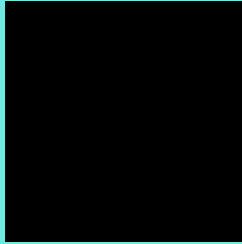
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

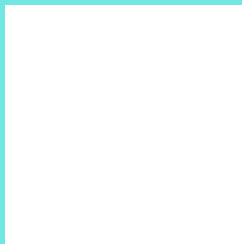
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 70E7E0 Background



This preview shows how black text looks on a background with the Hex color 70E7E0.

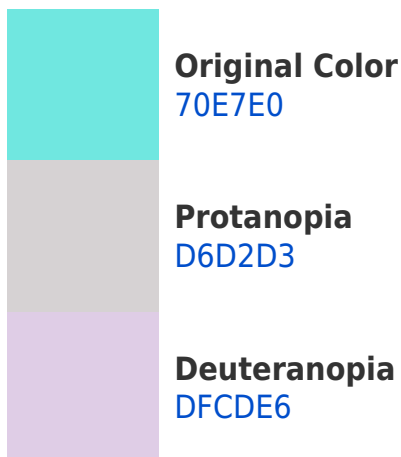


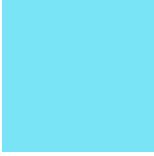
This preview shows how white text looks on a background with the Hex color 70E7E0.

# 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**  
78E4F6

# Trichromacy



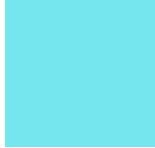
**Original Color**  
70E7E0



**Protanomaly**  
B1DAD8



**Deuteranomaly**  
B7D6E4

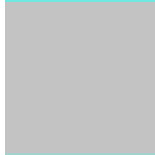


**Tritanomaly**  
75E5EE

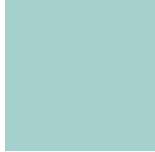
# Monochromacy



**Original Color**  
70E7E0



**Achromatopsia**  
C3C3C3



**Achromatomaly**  
A5D0CE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 70E7E0 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 #70E7E0 looks like.

```
.text, #text, p{  
    color:#70E7E0  
}
```

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 #70E7E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70E7E0
}
```

## Border

The CSS property to change the border of an element to Hex 70E7E0 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
#70E7E0 }
```

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

```
.border{ border-color:#70E7E0 }
```

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

Here you see how a box with a 4 pixel #70E7E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70E7E0; -webkit-box-shadow:4px 4px  
4px 4px #70E7E0; box-shadow:4px 4px 4px  
4px #70E7E0 }
```

# Background

The CSS property to change the background color of an element to Hex 70E7E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70E7E0 }
```

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

```
.background{ background-color:#70E7E0 }
```

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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