

# Converting Colors

Hex(70F1E2)

Have a look what the booklet for  
Hex(70F1E2) contains.

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**Color**

**Hex(70F1E2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	70F1E2
RGB	112, 241, 226
RGB Percent	44%, 95%, 89%
CMY	0.5608, 0.0549, 0.1137
CMYK	0.54, 0.00, 0.06, 0.05
HSL	173°, 82%, 69%
HSV	173°, 54%, 95%
XYZ	51.8649, 71.8463, 83.0857
YIQ	200.7190, -72.0690, -32.0130

# Conversions

## Conversions Part 2

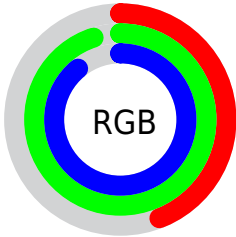
Format	Color
<b>RYB</b>	112, 180, 241
Decimal	7401954
CIELab	87.89, -39.24, -3.63
CIELCh	88, 39.405, 185.290
Yxy	71.8463, 0.2508, 0.3474
Android (android.graphics.Color)	4285592034 (0xFF70F1E2)
YUV	200.7190, 12.4635, -77.8066
Hunter-Lab	84.7622, -39.1121, 1.2163

# Details

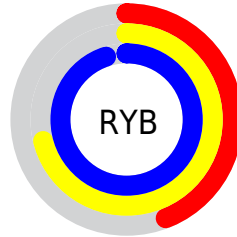
The Hex color **70F1E2** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **F1707F**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **ADFFFF**, and **2AB8AB** is the 20% darker color. If you saturate the color by 10%, you get **58F1DF**, and if you desaturate by 10%, it is **88F1E5**.

# Distribution



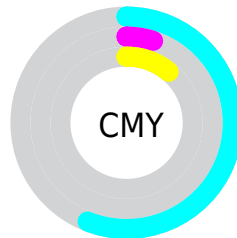
- Red (44%)
- Green (95%)
- Blue (89%)



- Red (44%)
- Yellow (71%)
- Blue (95%)



- Cyan (54%)
- Magenta (0%)
- Yellow (6%)
- Black (5%)



- Cyan (56%)
- Magenta (5%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 70F1E2 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 70F1E2 by changing the saturation by 10% instead.



 70F1E2

 70F1E2

FFFFFF

 50D4C6

 ADFFFF

 2AB8AB

 CBFFFF

 009D90

 E9FFFF

 008277

 00695E

 005047

 003830

 00231B

 000000

 70F1E2

 70F1E2

 58F1DF

 88F1E5

 40F1DC

 A0F1E8

 28F1DA

 B8F1EA

 10F1D7

 D0F1ED

 00F1D5

 E8F1F0

 FFF1F3

 FFF1F6

 FFF1F8

 FFF1FB

# Harmonies

## Analogous

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



9BEEBC



70F1E2



5CEFFF

# Triad

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



70F1E2



EAD0FF



FFCF99

# Complementary

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



70F1E2



F1707F

# 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.



FFC4B3



70F1E2



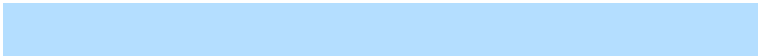
FFC5FD

# Square

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



70F1E2



B4DEFF



FFC0D7



F0DC91

# Rectangle

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



70F1E2



6CEBFF



FFC0D7



FFCBA0

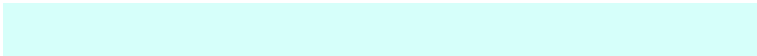


# Sweetspot

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



70F1E2



D6FFFA



7FF170



67807D



000000



808080



# Same Dimension

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



70F1E2



5CFFEC



70C0F1



6C7876



00B8A2



003832



# Inverse Universe

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



F1707F



FF5C6F



F1A170



786C6D



B80015

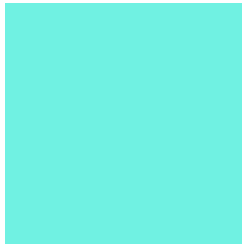


380007



# Previews

## White Background



This preview shows how the Hex color 70F1E2 looks on a white background.

## Color Contrast Check

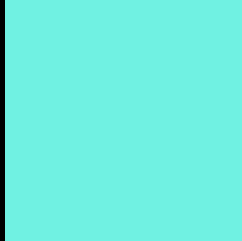
Large Text (above 18pt) WCAG AA × Fail

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 70F1E2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

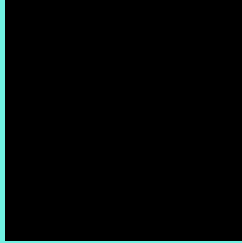
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 70F1E2 Background



This preview shows how black text looks on a background with the Hex color 70F1E2.

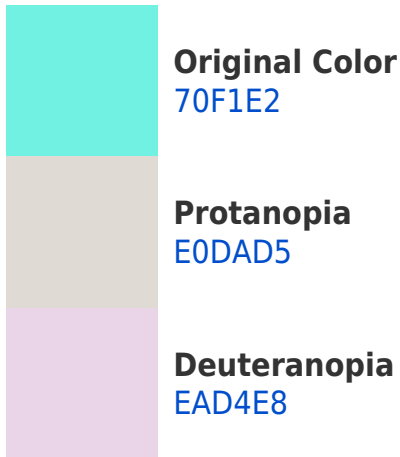


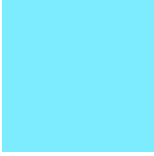
This preview shows how white text looks on a background with the Hex color 70F1E2.

# 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**  
7DECFE

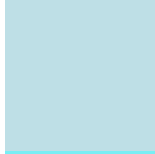
# Trichromacy



**Original Color**  
70F1E2



**Protanomaly**  
B7E2DA



**Deuteranomaly**  
BEDFE6

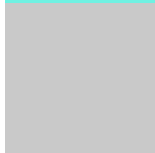


**Tritanomaly**  
78EEF4

# Monochromacy



**Original Color**  
70F1E2



**Achromatopsia**  
C9C9C9



**Achromatomaly**  
A9D8D2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 70F1E2 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 #70F1E2 looks like.

```
.text, #text, p{  
    color:#70F1E2  
}
```

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 #70F1E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70F1E2
}
```

## Border

The CSS property to change the border of an element to Hex 70F1E2 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
#70F1E2 }
```

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

```
.border{ border-color:#70F1E2 }
```

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

Here you see how a box with a 4 pixel #70F1E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70F1E2; -webkit-box-shadow:4px 4px  
4px 4px #70F1E2; box-shadow:4px 4px 4px  
4px #70F1E2 }
```

# Background

The CSS property to change the background color of an element to Hex 70F1E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70F1E2 }
```

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

```
.background{ background-color:#70F1E2 }
```

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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