

# Converting Colors

Hex(70F8ED)

Have a look what the booklet for  
Hex(70F8ED) contains.

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# **Color**

**Hex(70F8ED)**

# Conversions

## Conversions Part 1

Format	Color
Hex	70F8ED
RGB	112, 248, 237
RGB Percent	44%, 97%, 93%
CMY	0.5608, 0.0275, 0.0706
CMYK	0.55, 0.00, 0.04, 0.03
HSL	175°, 91%, 71%
HSV	175°, 55%, 97%
XYZ	55.5356, 76.6940, 91.9972
YIQ	206.0820, -77.5250, -32.2530

# Conversions

## Conversions Part 2

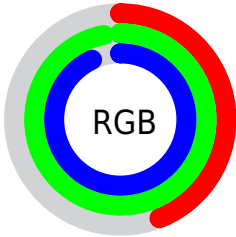
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">112, 183, 248</a>
Decimal	<a href="#">7403757</a>
CIELab	<a href="#">90.18, -39.67, -6.01</a>
CIELCh	<a href="#">90, 40.122, 188.608</a>
Yxy	<a href="#">76.6940, 0.2477, 0.3420</a>
Android (android.graphics.Color)	<a href="#">4285593837 (0xFF70F8ED)</a>
YUV	<a href="#">206.0820, 15.2426, -82.5099</a>
Hunter-Lab	<a href="#">87.5751, -40.0610, -0.9812</a>

# Details

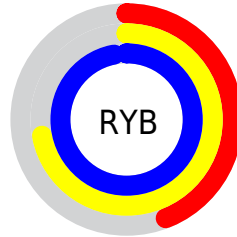
The Hex color **70F8ED** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **F8707B**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **AFFFFFF**, and **26BFB5** is the 20% darker color. If you saturate the color by 10%, you get **57F8EB**, and if you desaturate by 10%, it is **89F8EF**.

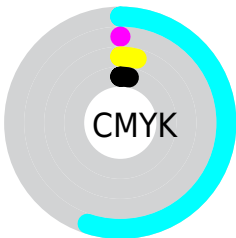
# Distribution



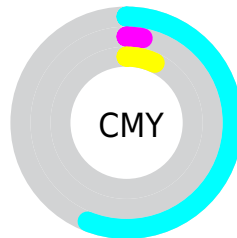
- Red (44%)
- Green (97%)
- Blue (93%)



- Red (44%)
- Yellow (72%)
- Blue (97%)



- Cyan (55%)
- Magenta (0%)
- Yellow (4%)
- Black (3%)



- Cyan (56%)
- Magenta (3%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 70F8ED 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 70F8ED by changing the saturation by 10% instead.



 70F8ED

FFFFFF

 AEFFFF

 CCFFFF

 EBFFFF

 70F8ED

 4FDBD1

 26BFB5

 00A39A

 008980

 006F67

 00564F

 003D39

 002823

 00020F

 70F8ED

 70F8ED

 57F8EB

 89F8EF

 3EF8E9

 A2F8F1

 26F8E7

 BAF8F3

 0DF8E5

 D3F8F5

 00F8E4

 ECF8F7

 FFF8F9

 FFF8FB

 FFF8FD

 FFF8FF

# Harmonies

## Analogous

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



9BF6C6



70F8ED



61F6FF

# Triad

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



70F8ED



F6D5FF



FFD79C

# Complementary

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



70F8ED



F8707B

# 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.



FFCBB5



70F8ED



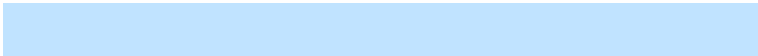
FFCAFF

# Square

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



70F8ED



C0E3FF



FFC6D9



F2E496

# Rectangle

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



70F8ED



75F1FF



FFC6D9



FFD3A3



# Sweetspot

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



70F8ED



D6FFFC



7BF870



67807E



000000



808080



# Same Dimension

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



70F8ED



57FFF1



70BFF8



707D7C



00BDAD



003D38



# Inverse Universe

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



F8707B



FF5764



F8A970



7D7071



BD000F

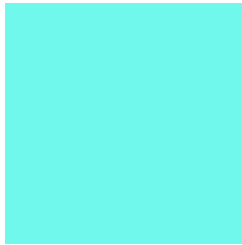


3D0005



# Previews

## White Background



This preview shows how the Hex color 70F8ED looks on a white background.

## Color Contrast Check

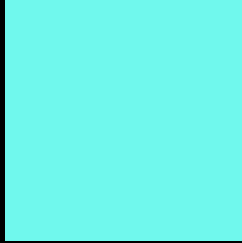
Large Text (above 18pt) WCAG AA × Fail

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 70F8ED looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

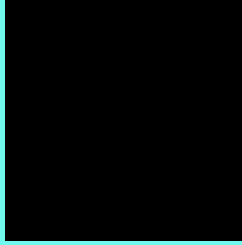
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 70F8ED Background



This preview shows how black text looks on a background with the Hex color 70F8ED.



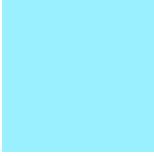
This preview shows how white text looks on a background with the Hex color 70F8ED.

# 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**  
9BF0FF

# Trichromacy



**Original Color**  
70F8ED



**Protanomaly**  
BBE9E4



**Deuteranomaly**  
C1E6F1

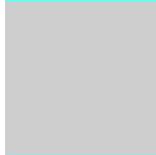


**Tritanomaly**  
8BF3F8

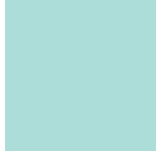
# Monochromacy



**Original Color**  
70F8ED



**Achromatopsia**  
CECECE



**Achromatomaly**  
ACDDD9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 70F8ED 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 #70F8ED looks like.

```
.text, #text, p{  
    color:#70F8ED  
}
```

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 #70F8ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70F8ED
}
```

## Border

The CSS property to change the border of an element to Hex 70F8ED 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
#70F8ED }
```

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

```
.border{ border-color:#70F8ED }
```

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

Here you see how a box with a 4 pixel #70F8ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70F8ED; -webkit-box-shadow:4px 4px  
4px 4px #70F8ED; box-shadow:4px 4px 4px  
4px #70F8ED }
```

# Background

The CSS property to change the background color of an element to Hex 70F8ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70F8ED }
```

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

```
.background{ background-color:#70F8ED }
```

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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