

# Converting Colors

Hex(70F0EF)

Have a look what the booklet for  
Hex(70F0EF) contains.

<b>Hex(70F0EF)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(70F0EF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	70F0EF
RGB	112, 240, 239
RGB Percent	44%, 94%, 94%
CMY	0.5608, 0.0588, 0.0627
CMYK	0.53, 0.00, 0.00, 0.06
HSL	180°, 81%, 69%
HSV	180°, 53%, 94%
XYZ	53.4222, 71.9969, 92.7425
YIQ	201.6140, -75.9670, -27.4470

# Conversions

## Conversions Part 2

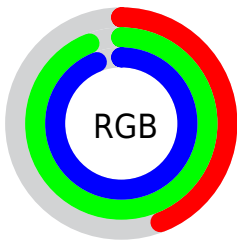
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">112, 176, 240</a>
Decimal	<a href="#">7401711</a>
CIELab	<a href="#">87.97, -35.50, -10.33</a>
CIELCh	<a href="#">88, 36.973, 196.225</a>
Yxy	<a href="#">71.9969, 0.2449, 0.3300</a>
Android (android.graphics.Color)	<a href="#">4285591791 (0xFF70F0EF)</a>
YUV	<a href="#">201.6140, 18.4313, -78.5915</a>
Hunter-Lab	<a href="#">84.8510, -36.1057, -5.4085</a>

# Details

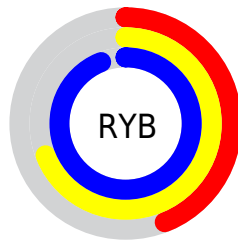
The Hex color **70F0EF** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **F07071**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **ADFFFF**, and **28B7B7** is the 20% darker color. If you saturate the color by 10%, you get **58F0EF**, and if you desaturate by 10%, it is **88F0EF**.

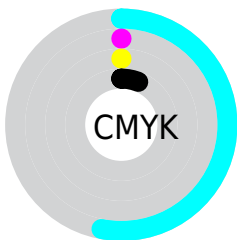
# Distribution



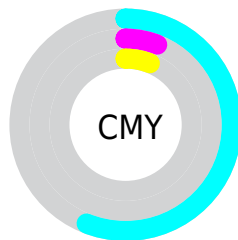
- Red (44%)
- Green (94%)
- Blue (94%)



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



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 70F0EF 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 70F0EF by changing the saturation by 10% instead.



 70F0EF

 70F0EF

FFFFFF

 4FD3D3

 ADFFFF

 28B7B7

 CCFFFF

 009C9C

 EAFFFF

 008282

 006869

 004F51

 00383A

 002424

 000110

 70F0EF

 70F0EF

 58F0EF

 88F0EF

 40F0EF

 A0F0EF

 28F0EE

 B8F0F0

 10F0EE

 D0F0F0

 00F0EE

 E8F0F0

 FFF0F0

 FFF0F1

# Harmonies

## Analogous

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



91EFCB



70F0EF



6FEDFF

# Triad

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



70F0EF



F9CDFD



FFD599

# Complementary

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



70F0EF



F07071

# 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.



FFCAAB



70F0EF



FFC4EE

# Square

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



70F0EF



CBD9FF



FFC3CB



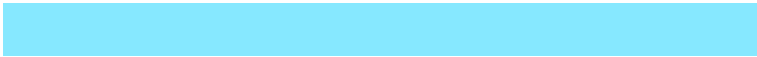
E2E098

# Rectangle

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



70F0EF



86E8FF



FFC3CB



FFD19D



# Sweetspot

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



70F0EF



D6FFFF



72F070



67807F



000000



808080



# Same Dimension

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



70F0EF



5CFFFE



70B2F0



6C7878



00B8B6



003838



# Inverse Universe

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



F07071



FF5C5D



F0AE70



786C6C



B80001

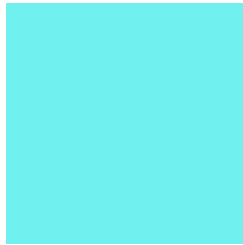


380000



# Previews

## White Background



This preview shows how the Hex color 70F0EF looks on a white background.

## Color Contrast Check

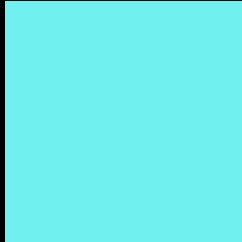
Large Text (above 18pt) WCAG AA × Fail

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 70F0EF 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 70F0EF Background



This preview shows how black text looks on a background with the Hex color 70F0EF.

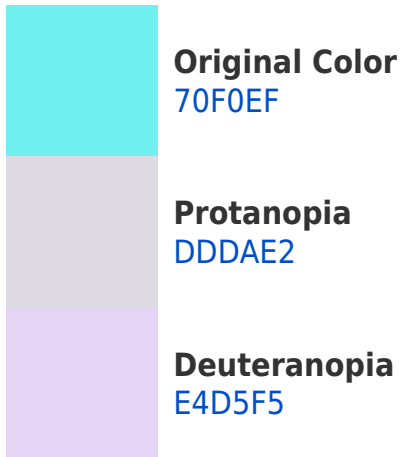


This preview shows how white text looks on a background with the Hex color 70F0EF.

# 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**  
7DEDFE

# Trichromacy



**Original Color**  
70F0EF



**Protanomaly**  
B5E2E7



**Deuteranomaly**  
BADFF3

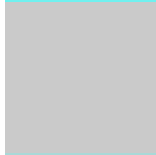


**Tritanomaly**  
78EEF9

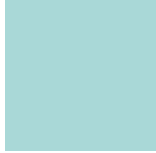
# Monochromacy



**Original Color**  
70F0EF



**Achromatopsia**  
CACACA



**Achromatomaly**  
A9D8D7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 70F0EF 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 #70F0EF looks like.

```
.text, #text, p{  
    color:#70F0EF  
}
```

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 #70F0EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70F0EF
}
```

## Border

The CSS property to change the border of an element to Hex 70F0EF 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
#70F0EF }
```

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

```
.border{ border-color:#70F0EF }
```

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

Here you see how a box with a 4 pixel #70F0EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70F0EF; -webkit-box-shadow:4px 4px  
4px 4px #70F0EF; box-shadow:4px 4px 4px  
4px #70F0EF }
```

# Background

The CSS property to change the background color of an element to Hex 70F0EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70F0EF }
```

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

```
.background{ background-color:#70F0EF }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor