

# Converting Colors

Hex(71E1FE)

Have a look what the booklet for  
Hex(71E1FE) contains.

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# **Color**

**Hex(71E1FE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	71E1FE
RGB	113, 225, 254
RGB Percent	44%, 88%, 100%
CMY	0.5569, 0.1176, 0.0039
CMYK	0.56, 0.11, 0.00, 0.00
HSL	192°, 99%, 72%
HSV	192°, 56%, 100%
XYZ	51.6247, 64.5169, 103.4980
YIQ	194.8180, -76.0610, -14.7250

# Conversions

## Conversions Part 2

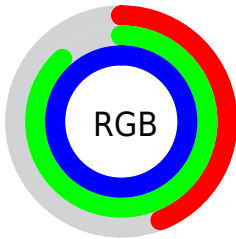
Format	Color
R <sub>YB</sub>	113, 175, 254
Decimal	7463422
CIE Lab	84.23, -24.09, -23.83
CIE LCh	84, 33.886, 224.687
Yxy	64.5169, 0.2350, 0.2937
Android (android.graphics.Color)	4285653502 (0xFF71E1FE)
YUV	194.8180, 29.1767, -71.7544
Hunter-Lab	80.3224, -25.8391, -20.1714

# Details

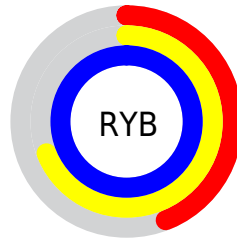
The Hex color **71E1FE** is a light color, and the websafe version is hex **33CCFF**. A complement of this color would be **FE8E71**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **AFFFFFF**, and **29AAC5** is the 20% darker color. If you saturate the color by 10%, you get **58DCFE**, and if you desaturate by 10%, it is **8AE6FE**.

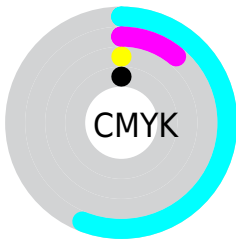
# Distribution



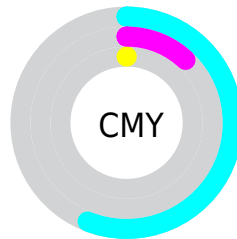
- Red (44%)
- Green (88%)
- Blue (100%)



- Red (44%)
- Yellow (69%)
- Blue (100%)



- Cyan (56%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (56%)
- Magenta (12%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 71E1FE 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 71E1FE by changing the saturation by 10% instead.



 71E1FE

FFFFFF

 AEFFFF

 CCFFFF

 EBFFFF

 71E1FE

 51C5E1

 29AAC5

 008FAA

 00758F

 005C76

 00445D

 002E45

 00192F

 00011A

■ 71E1FE

■ 71E1FE

■ 58DCFE

■ 8AE6FE

■ 3ED7FE

■ A4EBFE

■ 25D1FE

■ BDF1FE

■ 0BCCFE

■ D7F6FE

■ 00CAFE

■ F0FBFE

FFFFFE

# Harmonies

## Analogous

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



73E4E1



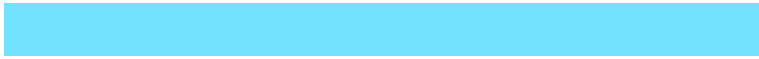
71E1FE



92DAFF

# Triad

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



71E1FE



FFBCE4



D9D594

# Complementary

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



71E1FE



FE8E71

# 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.



F8CB95



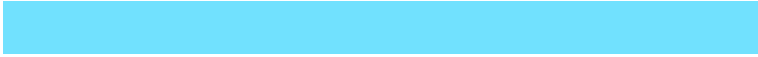
71E1FE



FFBBC3

# Square

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



71E1FE



EAC5FF



FFC0A7



B5DEA4

# Rectangle

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



71E1FE



B0D3FF



FFC0A7



E4D292

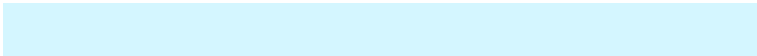


# Sweetspot

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



71E1FE



D4F6FF



71FE8D



667A80



000000



808080



# Same Dimension

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



71E1FE



54DCFF



719BFE



737D80



0098BF



003340



# Inverse Universe

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



FE71E1



FF54DC



FED471



80737D



BF0098

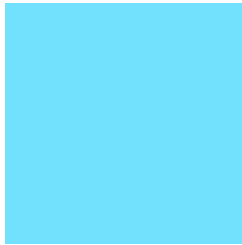


400033



# Previews

## White Background



This preview shows how the Hex color 71E1FE looks on a white background.

## Color Contrast Check

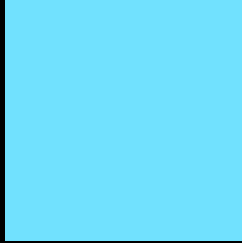
Large Text (above 18pt) WCAG AA × Fail

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 71E1FE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

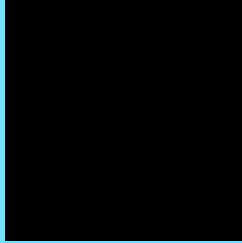
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 71E1FE Background



This preview shows how black text looks on a background with the Hex color 71E1FE.

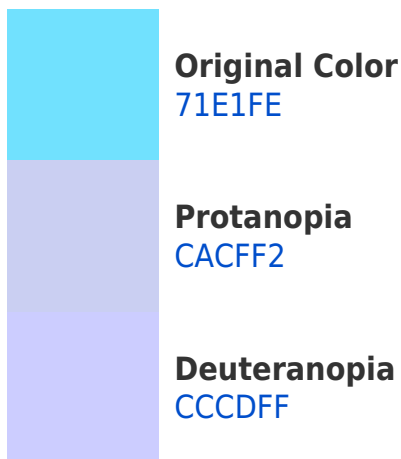


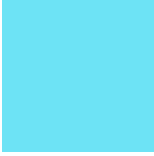
This preview shows how white text looks on a background with the Hex color 71E1FE.

# 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](#).

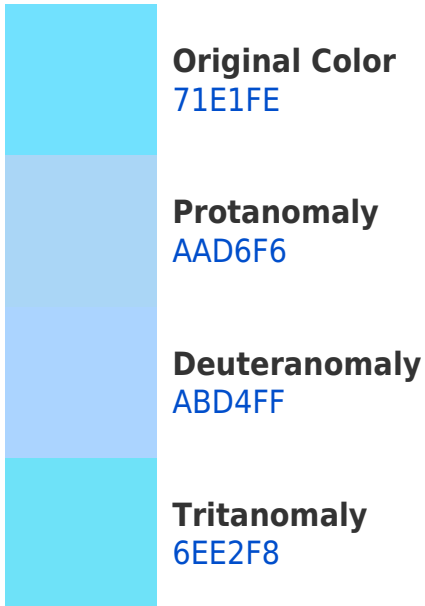
## Dichromacy



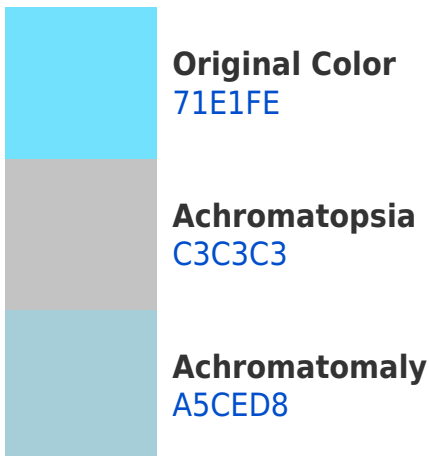


**Tritanopia**  
6DE3F5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 71E1FE 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 #71E1FE looks like.

```
.text, #text, p{  
    color:#71E1FE  
}
```

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 #71E1FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71E1FE
}
```

## Border

The CSS property to change the border of an element to Hex 71E1FE 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
#71E1FE }
```

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

```
.border{ border-color:#71E1FE }
```

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

Here you see how a box with a 4 pixel #71E1FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71E1FE; -webkit-box-shadow:4px 4px  
4px 4px #71E1FE; box-shadow:4px 4px 4px  
4px #71E1FE }
```

# Background

The CSS property to change the background color of an element to Hex 71E1FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71E1FE }
```

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

```
.background{ background-color:#71E1FE }
```

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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