

Converting Colors

Hex(71EFE9)

Have a look what the booklet for
Hex(71EFE9) contains.

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Color

Hex(71EFE9)

Conversions

Conversions Part 1

Format	Color
Hex	71EFE9
RGB	113, 239, 233
RGB Percent	44%, 94%, 91%
CMY	0.5569, 0.0627, 0.0863
CMYK	0.53, 0.00, 0.03, 0.06
HSL	177°, 80%, 69%
HSV	177°, 53%, 94%
XYZ	52.3845, 71.1269, 88.0587
YIQ	200.6420, -73.1700, -28.5780

Conversions

Conversions Part 2

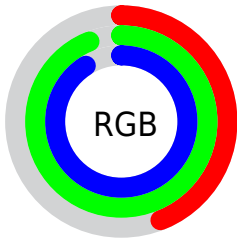
Format	Color
RYB	113, 178, 239
Decimal	7466985
CIELab	87.55, -36.38, -7.81
CIELCh	88, 37.206, 192.116
Yxy	71.1269, 0.2476, 0.3362
Android (android.graphics.Color)	4285657065 (0xFF71EFE9)
YUV	200.6420, 15.9525, -76.8620
Hunter-Lab	84.3368, -36.7167, -2.8708

Details

The Hex color **71EFE9** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **EF7177**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **AFFFFFF**, and **2BB6B1** is the 20% darker color. If you saturate the color by 10%, you get **59EFE8**, and if you desaturate by 10%, it is **89EFEA**.

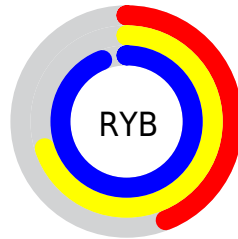
Distribution



Red (44%)

Green (94%)

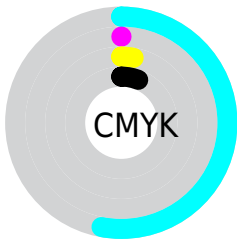
Blue (91%)



Red (44%)

Yellow (70%)

Blue (94%)

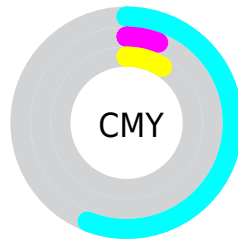


Cyan (53%)

Magenta (0%)

Yellow (3%)

Black (6%)



Cyan (56%)

Magenta (6%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71EFE9 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 71EFE9 by changing the saturation by 10% instead.

 71EFE9

FFFFFF

 AEFFFF


 CCFFFF

 EAFFFF

 71EFE9

 51D2CD

 2BB6B1

 009B97

 00817D

 006764

 004E4C

 003736

 002220

 000009

 71EFE9

 71EFE9

 59EFE8

 89EFEA

 41EFE7

 A1EFEB

 29EFE6

 B9EFEC

 11EFE4

 D1EFEE

 00EFE4

 E8EFEF

 FFEFF0

 FFEFF1

 FFEFF2

 FFEFF3

Harmonies

Analogous

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



95EDC5



71EFE9



6AECFF

Triad

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



71EFE9



F2CDFD



FFD299

Complementary

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



71EFE9



EF7177

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.



FFC7AE



71EFE9



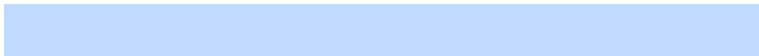
FFC4F2

Square

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



71EFE9



C2DAFF



FFC1CE



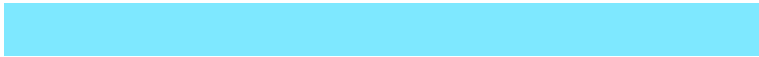
E6DE96

Rectangle

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



71EFE9



7EE8FF



FFC1CE



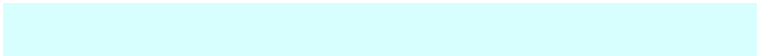
FFCE9E

Sweetspot

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



71EFE9



D6FFFD



77EF71



67807E



000000



808080

Same Dimension

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



71EFE9



5EFFF7



71B6EF



6C7877



00B8AF



003835

Inverse Universe

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



EF7177



FF5E66



EFAA71



786C6C



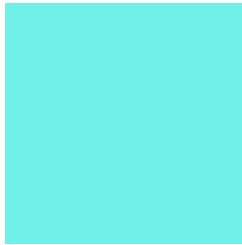
B80009



380003

Previews

White Background



This preview shows how the Hex color 71EFE9 looks on a white background.

Color Contrast Check

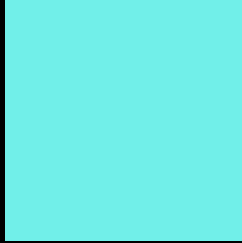
Large Text (above 18pt) WCAG AA × Fail

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 71EFE9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

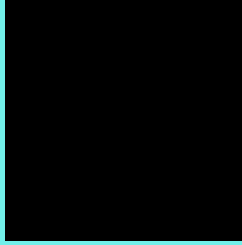
Any Text WCAG AA ✓ Pass

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 71EFE9 Background



This preview shows how black text looks on a background with the Hex color 71EFE9.

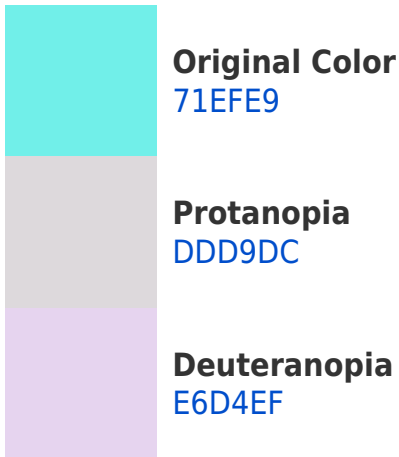


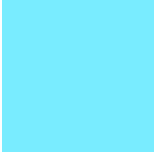
This preview shows how white text looks on a background with the Hex color 71EFE9.

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
79ECFF

Trichromacy



Original Color

71EFE9



Protanomaly

B6E1E1



Deuteranomaly

BBDEED



Tritanomaly

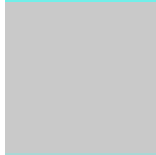
76EDF7

Monochromacy



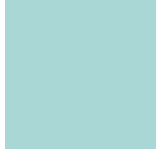
Original Color

71EFE9



Achromatopsia

C9C9C9



Achromatomaly

A9D7D5

CSS Examples

Text

The CSS property to change the color of the text to Hex 71EFE9 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 #71EFE9 looks like.

```
.text, #text, p{  
    color:#71EFE9  
}
```

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 #71EFE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71EFE9
}
```

Border

The CSS property to change the border of an element to Hex 71EFE9 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
#71EFE9 }
```

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

```
.border{ border-color:#71EFE9 }
```

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

Here you see how a box with a 4 pixel #71EFE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71EFE9; -webkit-box-shadow:4px 4px  
4px 4px #71EFE9; box-shadow:4px 4px 4px  
4px #71EFE9 }
```

Background

The CSS property to change the background color of an element to Hex 71EFE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71EFE9 }
```

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

```
.background{ background-color:#71EFE9 }
```

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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