

Converting Colors

Hex(71CFF1)

Have a look what the booklet for
Hex(71CFF1) contains.

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Color

Hex(71CFF1)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 71CFF1 |
| RGB | 113, 207, 241 |
| RGB Percent | 44%, 81%, 95% |
| CMY | 0.5569, 0.1882, 0.0549 |
| CMYK | 0.53, 0.14, 0.00, 0.05 |
| HSL | 196°, 82%, 69% |
| HSV | 196°, 53%, 95% |
| XYZ | 45.0001, 54.4872, 91.3644 |
| YIQ | 182.7700, -66.9380, -9.3540 |

Conversions

Conversions Part 2

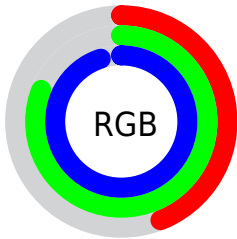
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 113, 167, 241 |
| Decimal | 7458801 |
| CIE Lab | 78.74, -18.69, -25.29 |
| CIE LCh | 79, 31.442, 233.538 |
| Yxy | 54.4872, 0.2358, 0.2855 |
| Android (android.graphics.Color) | 4285648881 (0xFF71CFF1) |
| YUV | 182.7700, 28.7074, -61.1883 |
| Hunter-Lab | 73.8155, -20.3583, -21.7148 |

Details

The Hex color **71CFF1** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F19371**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **ACFFFF**, and **2F99B9** is the 20% darker color. If you saturate the color by 10%, you get **59C9F1**, and if you desaturate by 10%, it is **89D5F1**.

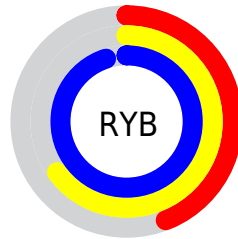
Distribution



Red (44%)

Green (81%)

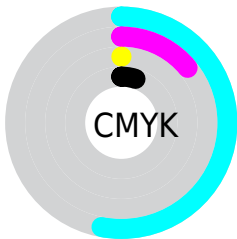
Blue (95%)



Red (44%)

Yellow (65%)

Blue (95%)

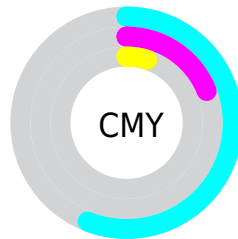


Cyan (53%)

Magenta (14%)

Yellow (0%)

Black (5%)



Cyan (56%)

Magenta (19%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71CFF1 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 71CFF1 by changing the saturation by 10% instead.

 71CFF1

 71CFF1

FFFFFF

 52B3D5

 ACFFFF

 2F99B9

 CAFFFF

 007F9E

 E8FFFF

 006584

 004D6A

 003652

 00213B

 000225

 00010E

 71CFF1

 71CFF1

 59C9F1

 89D5F1

 41C2F1

 A1DCF1

 29BCF1

 B9E2F1

 11B5F1

 D1E9F1

 00B1F1

 E9EFF1

 FFF5F1

 FFFCF1

 FFFFF1

Harmonies

Analogous

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



69D3D9



71CFF1



94C8FC

Triad

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



71CFF1



F8AECA



C0C88D

Complementary

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



71CFF1



F19371

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.



DEBF89



71CFF1



FEAEAD

Square

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



71CFF1



E2B4E6



F4B595



9ECF9F

Rectangle

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



71CFF1



B1C1FB



F4B595



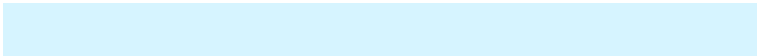
CAC58A

Sweetspot

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



71CFF1



D6F4FF



71F191



677980



000000



808080

Same Dimension

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



71CFF1



5CD4FF



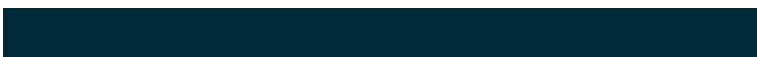
7191F1



6C7578



0087B8



002938

Inverse Universe

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



F171CF



FF5CD4



F1D171



786C75



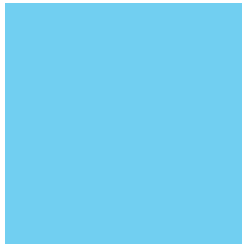
B80087



380029

Previews

White Background



This preview shows how the Hex color 71CFF1 looks on a white background.

Color Contrast Check

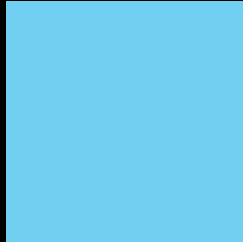
Large Text (above 18pt) WCAG AA × Fail

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 71CFF1 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 71CFF1 Background



This preview shows how black text looks on a background with the Hex color 71CFF1.

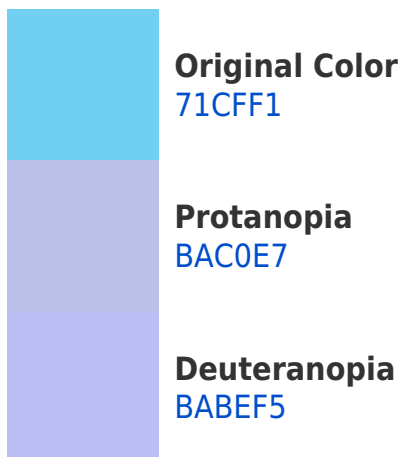


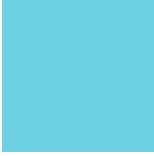
This preview shows how white text looks on a background with the Hex color 71CFF1.

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](#).

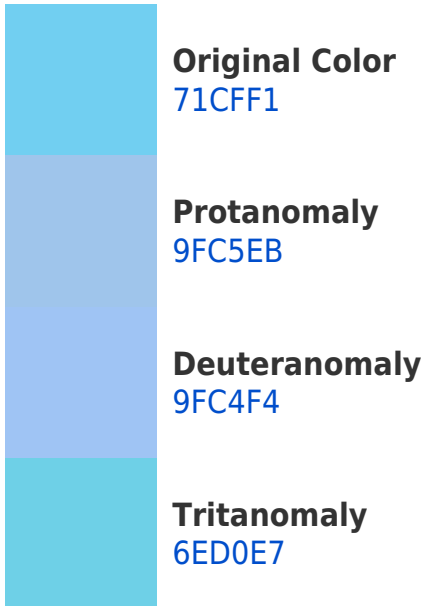
Dichromacy



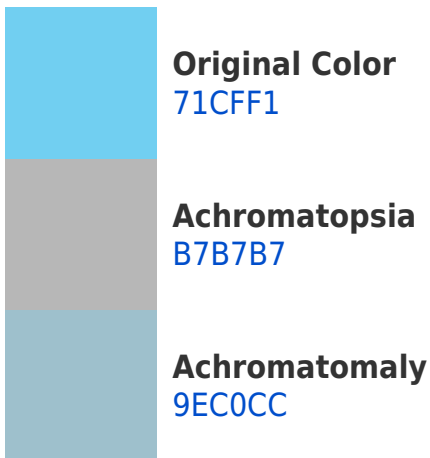


Tritanopia
6CD1E2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 71CFF1 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 #71CFF1 looks like.

```
.text, #text, p{  
    color:#71CFF1  
}
```

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 #71CFF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71CFF1  
}
```

Border

The CSS property to change the border of an element to Hex 71CFF1 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  
#71CFF1 }
```

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

```
.border{ border-color:#71CFF1 }
```

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

Here you see how a box with a 4 pixel #71CFF1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71CFF1; -webkit-box-shadow:4px 4px  
4px 4px #71CFF1; box-shadow:4px 4px 4px  
4px #71CFF1 }
```

Background

The CSS property to change the background color of an element to Hex 71CFF1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71CFF1 }
```

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

```
.background{ background-color:#71CFF1 }
```

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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