

Converting Colors

Hex(71D6F7)

Have a look what the booklet for
Hex(71D6F7) contains.

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Color

Hex(71D6F7)

Conversions

Conversions Part 1

Format	Color
Hex	71D6F7
RGB	113, 214, 247
RGB Percent	44%, 84%, 97%
CMY	0.5569, 0.1608, 0.0314
CMYK	0.54, 0.13, 0.00, 0.03
HSL	195°, 89%, 71%
HSV	195°, 54%, 97%
XYZ	47.6451, 58.3192, 96.7413
YIQ	187.5630, -70.7890, -11.1490

Conversions

Conversions Part 2

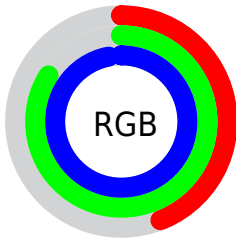
Format	Color
RYB	113, 171, 247
Decimal	7460599
CIELab	80.92, -20.55, -25.17
CIElCh	81, 32.499, 230.772
Yxy	58.3192, 0.2350, 0.2877
Android (android.graphics.Color)	4285650679 (0xFF71D6F7)
YUV	187.5630, 29.3024, -65.3918
Hunter-Lab	76.3670, -22.2768, -21.6513

Details

The Hex color **71D6F7** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F79271**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **ADFFFF**, and **2D9FBF** is the 20% darker color. If you saturate the color by 10%, you get **58D0F7**, and if you desaturate by 10%, it is **8ADCF7**.

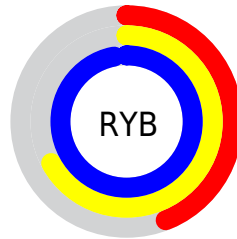
Distribution



Red (44%)

Green (84%)

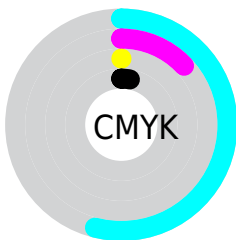
Blue (97%)



Red (44%)

Yellow (67%)

Blue (97%)

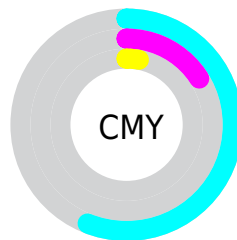


Cyan (54%)

Magenta (13%)

Yellow (0%)

Black (3%)



Cyan (56%)


Magenta (16%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71D6F7 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 71D6F7 by changing the saturation by 10% instead.

 71D6F7

 71D6F7

FFFFFF

 52BADA

 ADFFFF

 2D9FBF

 CBFFFF

 0085A3

 E9FFFF

 006C89

 005370

 003C57

 002640

 00092A

 000114

■ 71D6F7

■ 71D6F7

■ 58D0F7

■ 8ADCF7

■ 40CAF7

■ A2E2F7

■ 27C4F7

■ BBE8F7

■ 0EBEF7

■ D4EEF7

■ 00BAF7

■ EDF4F7

■ FFFAF7

■ FFFFF7

Harmonies

Analogous

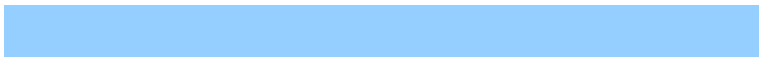
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



6CDADD



71D6F7



94CFFF

Triad

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



71D6F7



FFB3D4



C9CE90

Complementary

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



71D6F7



F79271

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.



E7C48D



71D6F7



FFB3B5

Square

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



71D6F7



E7BAF0



FDBA9B



A6D5A2

Rectangle

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



71D6F7



B2C8FF



FDBA9B



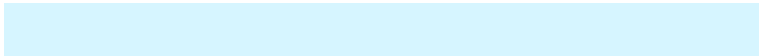
D4CB8D

Sweetspot

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



71D6F7



D6F5FF



71F790



677A80



000000



808080

Same Dimension

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



71D6F7



59D6FF



7195F7



6E777A



008CBA



002C3B

Inverse Universe

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



F771D6



FF59D6



F7D371



7A6E77



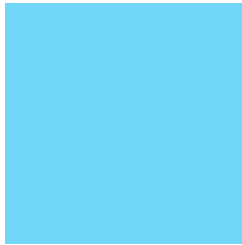
BA008C



3B002C

Previews

White Background



This preview shows how the Hex color 71D6F7 looks on a white background.

Color Contrast Check

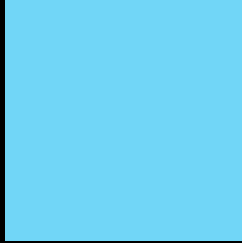
Large Text (above 18pt) WCAG AA × Fail

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 71D6F7 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 71D6F7 Background



This preview shows how black text looks on a background with the Hex color 71D6F7.

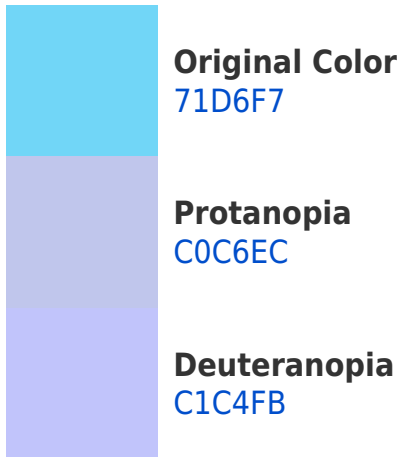


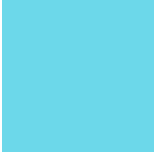
This preview shows how white text looks on a background with the Hex color 71D6F7.

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](#).

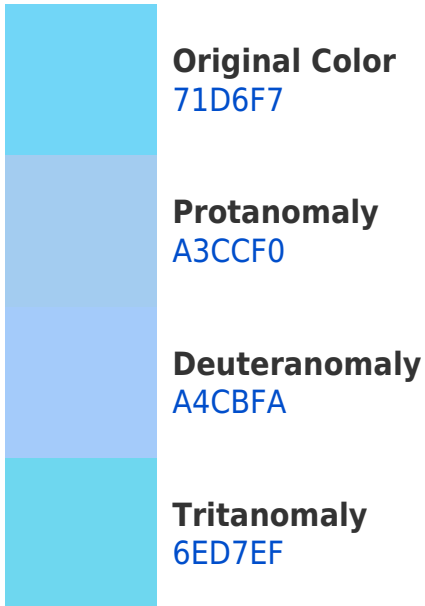
Dichromacy



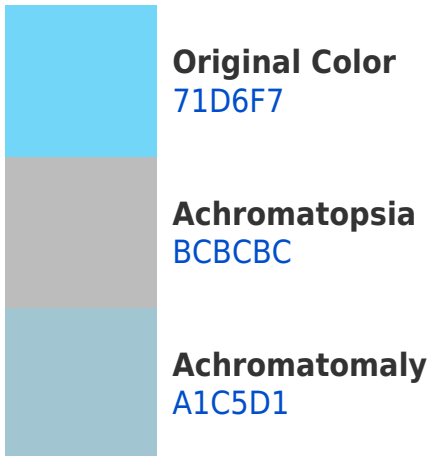


Tritanopia
6CD8EA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 71D6F7 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 #71D6F7 looks like.

```
.text, #text, p{  
    color:#71D6F7  
}
```

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 #71D6F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71D6F7
}
```

Border

The CSS property to change the border of an element to Hex 71D6F7 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
#71D6F7 }
```

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

```
.border{ border-color:#71D6F7 }
```

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

Here you see how a box with a 4 pixel #71D6F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71D6F7; -webkit-box-shadow:4px 4px  
4px 4px #71D6F7; box-shadow:4px 4px 4px  
4px #71D6F7 }
```

Background

The CSS property to change the background color of an element to Hex 71D6F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71D6F7 }
```

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

```
.background{ background-color:#71D6F7 }
```

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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