

Converting Colors

Hex(70BDF1)

Have a look what the booklet for
Hex(70BDF1) contains.

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Color

Hex(70BDF1)

Conversions

Conversions Part 1

Format	Color
Hex	70BDF1
RGB	112, 189, 241
RGB Percent	44%, 74%, 95%
CMY	0.5608, 0.2588, 0.0549
CMYK	0.54, 0.22, 0.00, 0.05
HSL	204°, 82%, 69%
HSV	204°, 54%, 95%
XYZ	40.7569, 46.1908, 89.9867
YIQ	171.9050, -62.5840, -0.1520

Conversions

Conversions Part 2

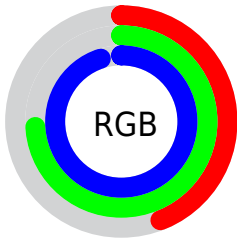
Format	Color
R _Y B	112, 160, 241
Decimal	7388657
CIE Lab	73.67, -9.46, -33.09
CIE LCh	74, 34.412, 254.040
Yxy	46.1908, 0.2304, 0.2611
Android (android.graphics.Color)	4285578737 (0xFF70BDF1)
YUV	171.9050, 34.0638, -52.5367
Hunter-Lab	67.9638, -11.8929, -30.9275

Details

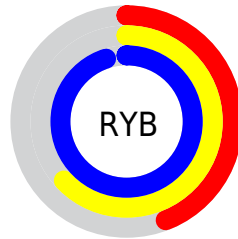
The Hex color **70BDF1** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F1A470**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **ABF5FF**, and **3088B9** is the 20% darker color. If you saturate the color by 10%, you get **58B3F1**, and if you desaturate by 10%, it is **88C7F1**.

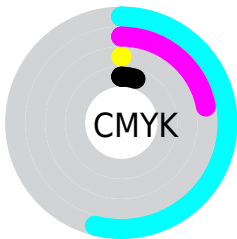
Distribution



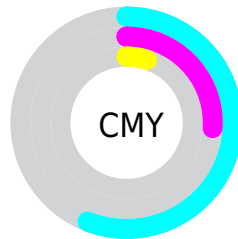
- Red (44%)
- Green (74%)
- Blue (95%)



- Red (44%)
- Yellow (63%)
- Blue (95%)



- Cyan (54%)
- Magenta (22%)
- Yellow (0%)
- Black (5%)



- Cyan (56%)
- Magenta (26%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70BDF1 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 70BDF1 by changing the saturation by 10% instead.

 70BDF1

 70BDF1

FFFFFF

 52A2D5

 ABF5FF

 3088B9


 C8FFFF

 006F9E

 E6FFFF

 005683

 003F6A

 002951

 00163A

 000224

 00000C

 70BDF1

 70BDF1

 58B3F1

 88C7F1

 40AAF1


 A0D0F1

 28A0F1

 B8DAF1

 1096F1

 D0E4F1

 0090F1

 E8EEF1

 FFF7F1

 FFFFF1

Harmonies

Analogous

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



4BC4E0



70BDF1



A1B3F2

Triad

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



70BDF1



F49DA7



98C087

Complementary

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



70BDF1



F1A470

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.



BCB877



70BDF1



EEA38B

Square

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



70BDF1



E89FC7



DAAD79



73C5A3

Rectangle

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



70BDF1



BFABE9



DAAD79



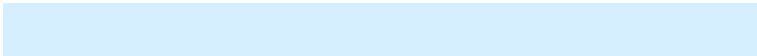
A5BE80

Sweetspot

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



70BDF1



D6EFFF



70F1A4



677680



000000



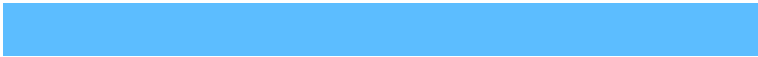
808080

Same Dimension

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



70BDF1



5CBDFE



707DF1



6C7378



006EB8



002138

Inverse Universe

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



F170BD



FF5CBD



F1E470



786C73



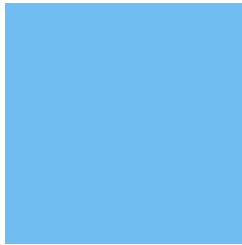
B8006E



380021

Previews

White Background



This preview shows how the Hex color 70BDF1 looks on a white background.

Color Contrast Check

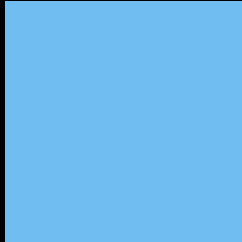
Large Text (above 18pt) WCAG AA × Fail

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 70BDF1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

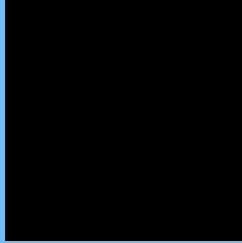
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

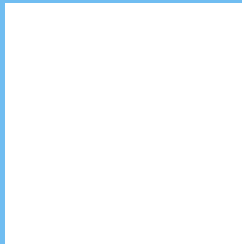
Any Text WCAG AAA ✓ Pass

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

Hex 70BDF1 Background



This preview shows how black text looks on a background with the Hex color 70BDF1.

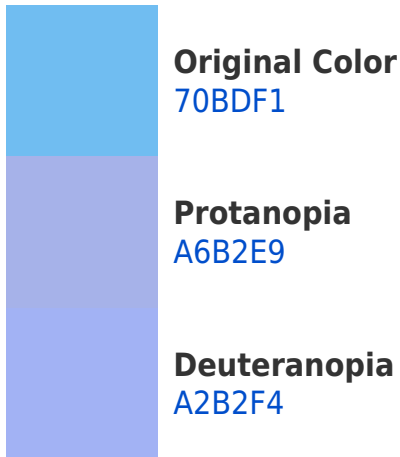


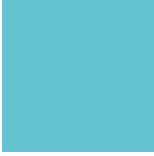
This preview shows how white text looks on a background with the Hex color 70BDF1.

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](#).

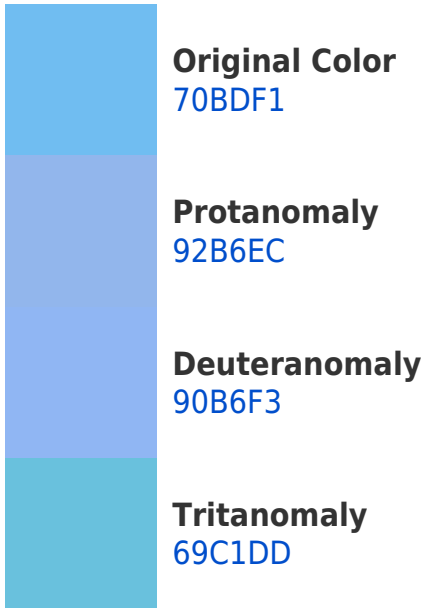
Dichromacy



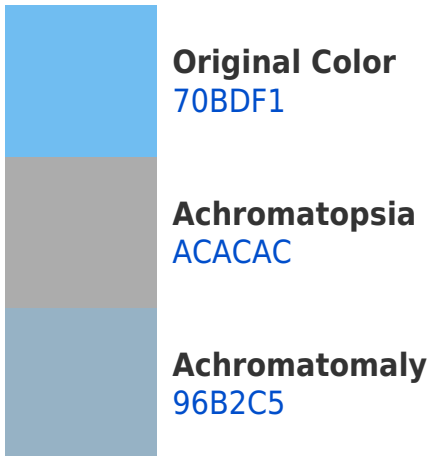


Tritanopia
65C3D2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 70BDF1 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 #70BDF1 looks like.

```
.text, #text, p{  
    color:#70BDF1  
}
```

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 #70BDF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70BDF1  
}
```

Border

The CSS property to change the border of an element to Hex 70BDF1 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  
#70BDF1 }
```

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

```
.border{ border-color:#70BDF1 }
```

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

Here you see how a box with a 4 pixel #70BDF1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70BDF1; -webkit-box-shadow:4px 4px  
4px 4px #70BDF1; box-shadow:4px 4px 4px  
4px #70BDF1 }
```

Background

The CSS property to change the background color of an element to Hex 70BDF1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70BDF1 }
```

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

```
.background{ background-color:#70BDF1 }
```

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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