

Converting Colors

Hex(71BDF1)

Have a look what the booklet for
Hex(71BDF1) contains.

Hex(71BDF1)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(71BDF1)

Conversions

Conversions Part 1

Format	Color
Hex	71BDF1
RGB	113, 189, 241
RGB Percent	44%, 74%, 95%
CMY	0.5569, 0.2588, 0.0549
CMYK	0.53, 0.22, 0.00, 0.05
HSL	204°, 82%, 69%
HSV	204°, 53%, 95%
XYZ	40.8848, 46.2568, 89.9927
YIQ	172.2040, -61.9880, 0.0600

Conversions

Conversions Part 2

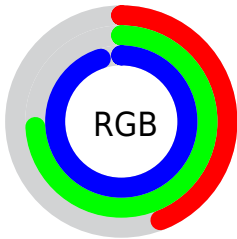
Format	Color
RYB	113, 161, 241
Decimal	7454193
CIELab	73.71, -9.25, -33.02
CIELCh	74, 34.288, 254.346
Yxy	46.2568, 0.2308, 0.2611
Android (android.graphics.Color)	4285644273 (0xFF71BDF1)
YUV	172.2040, 33.9164, -51.9219
Hunter-Lab	68.0123, -11.7184, -30.8428

Details

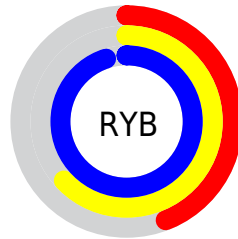
The Hex color **71BDF1** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F1A571**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **ACF5FF**, and **3188B9** is the 20% darker color. If you saturate the color by 10%, you get **59B3F1**, and if you desaturate by 10%, it is **89C7F1**.

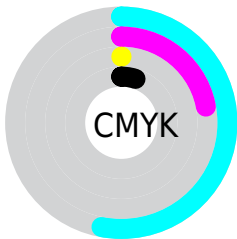
Distribution



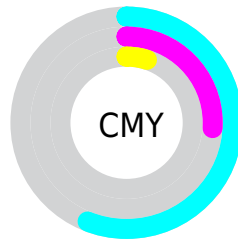
- Red (44%)
- Green (74%)
- Blue (95%)



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



- Cyan (53%)
- Magenta (22%)
- Yellow (0%)
- Black (5%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 71BDF1 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 71BDF1 by changing the saturation by 10% instead.

 71BDF1

 71BDF1

FFFFFF

 53A2D5

 ACF5FF

 3188B9

 C9FFFF

 006F9E

 E7FFFF

 005683


 003F6A


 002951

 00163A

 000224

 00000C

 71BDF1

 71BDF1

 59B3F1

 89C7F1

 41A9F1

 A1D1F1

 29A0F1

 B9DAF1

 1196F1

 D1E4F1

 008FF1

 E9EEF1

 FFF8F1

 FFFFF1

Harmonies

Analogous

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



4CC4E0



71BDF1



A2B3F2

Triad

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



71BDF1



F49EA7



98C087

Complementary

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



71BDF1



F1A571

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.



BCB878



71BDF1



EDA38B

Square

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



71BDF1



E99FC7



D9AD79



73C5A3

Rectangle

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



71BDF1



BFABE9



D9AD79



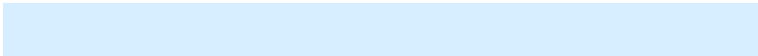
A4BE80

Sweetspot

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



71BDF1



D6EEFF



71F1A4



677680



000000



808080

Same Dimension

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



71BDF1



5CBDFE



717EF1



6C7378



006DB8



002138

Inverse Universe

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



F171BD



FF5CBD



F1E471



786C73



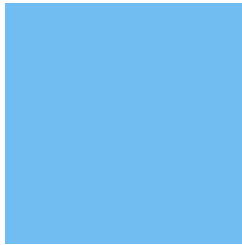
B8006D



380021

Previews

White Background



This preview shows how the Hex color 71BDF1 looks on a white background.

Color Contrast Check

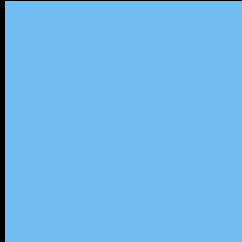
Large Text (above 18pt) WCAG AA × Fail

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 71BDF1 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

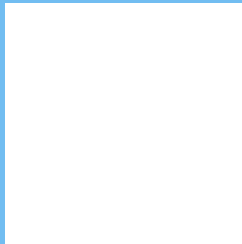
Any Text WCAG AAA ✓ Pass

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

Hex 71BDF1 Background



This preview shows how black text looks on a background with the Hex color 71BDF1.

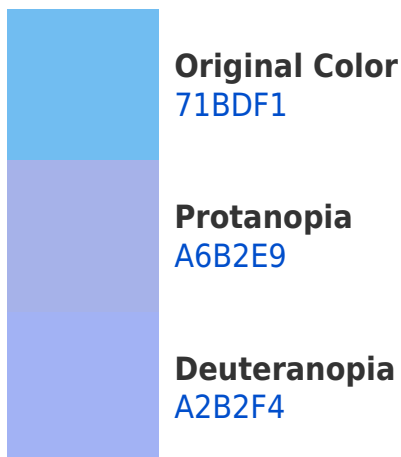


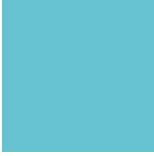
This preview shows how white text looks on a background with the Hex color 71BDF1.

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](#).

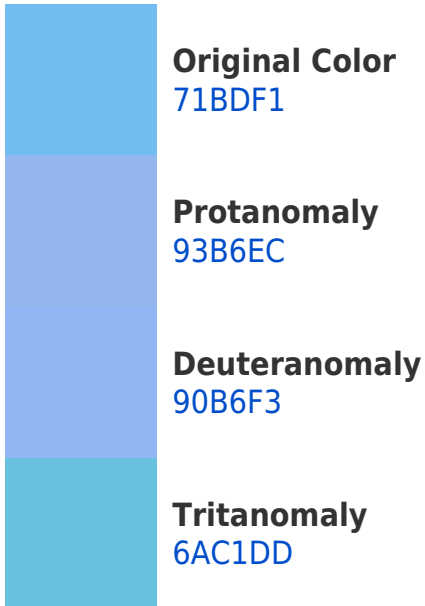
Dichromacy



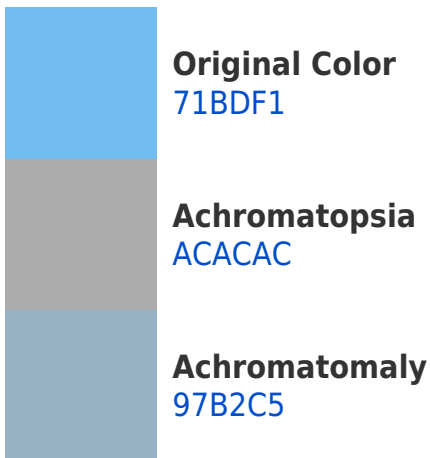


Tritanopia
66C3D2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 71BDF1 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 #71BDF1 looks like.

```
.text, #text, p{  
    color:#71BDF1  
}
```

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 #71BDF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71BDF1
}
```

Border

The CSS property to change the border of an element to Hex 71BDF1 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
#71BDF1 }
```

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

```
.border{ border-color:#71BDF1 }
```

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

Here you see how a box with a 4 pixel #71BDF1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71BDF1; -webkit-box-shadow:4px 4px  
4px 4px #71BDF1; box-shadow:4px 4px 4px  
4px #71BDF1 }
```

Background

The CSS property to change the background color of an element to Hex 71BDF1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71BDF1 }
```

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

```
.background{ background-color:#71BDF1 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor