

Converting Colors

Hex(71BFD8)

Have a look what the booklet for
Hex(71BFD8) contains.

Hex(71BFD8)	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(71BFD8)

Conversions

Conversions Part 1

Format	Color
Hex	71BFD8
RGB	113, 191, 216
RGB Percent	44%, 75%, 85%
CMY	0.5569, 0.2510, 0.1529
CMYK	0.48, 0.12, 0.00, 0.15
HSL	195°, 57%, 65%
HSV	195°, 48%, 85%
XYZ	37.8355, 45.7302, 71.7984
YIQ	170.5280, -54.5130, -8.7610

Conversions

Conversions Part 2

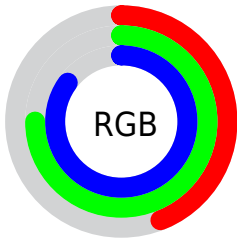
Format	Color
RYB	113, 157, 216
Decimal	7454680
CIELab	73.37, -17.41, -19.99
CIELCh	73, 26.508, 228.958
Yxy	45.7302, 0.2435, 0.2943
Android (android.graphics.Color)	4285644760 (0xFF71BFD8)
YUV	170.5280, 22.4177, -50.4521
Hunter-Lab	67.6241, -18.4718, -15.6130

Details

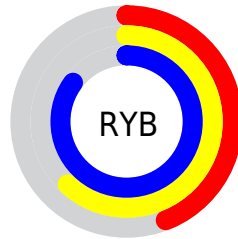
The Hex color **71BFD8** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **D88A71**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **AAF7FF**, and **3689A1** is the 20% darker color. If you saturate the color by 10%, you get **5BBAD8**, and if you desaturate by 10%, it is **87C4D8**.

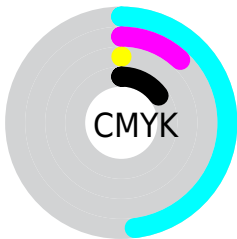
Distribution



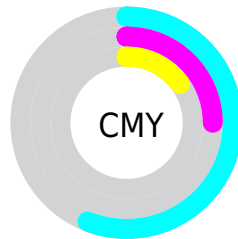
- Red (44%)
- Green (75%)
- Blue (85%)



- Red (44%)
- Yellow (62%)
- Blue (85%)



- Cyan (48%)
- Magenta (12%)
- Yellow (0%)
- Black (15%)



- Cyan (56%)
- Magenta (25%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71BFD8 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 71BFD8 by changing the saturation by 10% instead.

 71BFD8

 71BFD8

FFFFFF

 54A4BC

 AAF7FF

 3689A1

 C7FFFF

 0D7087

 E4FFFF

 00576E

 004055


 002A3E

 001628

 000113

 000000

 71BFD8

 71BFD8

 5BBAD8

 87C4D8

 46B5D8

 9CC9D8

 30AFD8

 B2CFD8

 1BAAD8

 C7D4D8

 05A5D8

 DDD9D8

 00A4D8

 F3DED8

 FFE4D8

 FFE9D8

 FFEED8

Harmonies

Analogous

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



6EC2C3



71BFD8



8AB9E3

Triad

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



71BFD8



DFA3BE



B6B786

Complementary

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



71BFD8



D88A71

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.



CEB085



71BFD8



E6A3A6

Square

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



71BFD8



CBA9D4



DFA891



9ABE94

Rectangle

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



71BFD8



A0B4E4



DFA891



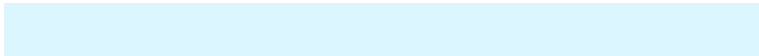
BFB584

Sweetspot

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



71BFD8



DBF6FF



71D889



6A7A80



000000



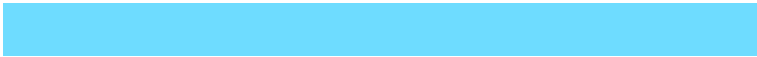
808080

Same Dimension

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



71BFD8



6EDCFE



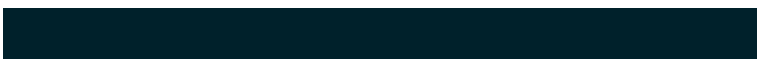
718CD8



60696B



0081AB



00212B

Inverse Universe

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



D871BF



FF6EDC



D8BD71



6B6069



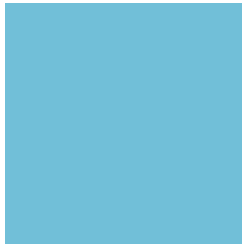
AB0081



2B0021

Previews

White Background



This preview shows how the Hex color 71BFD8 looks on a white background.

Color Contrast Check

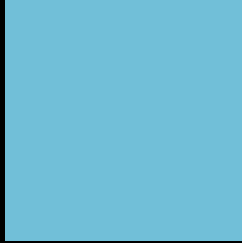
Large Text (above 18pt) WCAG AA × Fail

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 71BFD8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

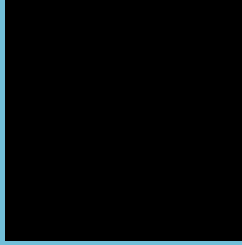
Any Text WCAG AA ✓ Pass

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 71BFD8 Background



This preview shows how black text looks on a background with the Hex color 71BFD8.

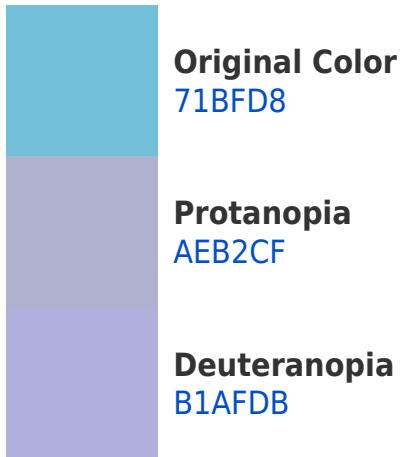


This preview shows how white text looks on a background with the Hex color 71BFD8.

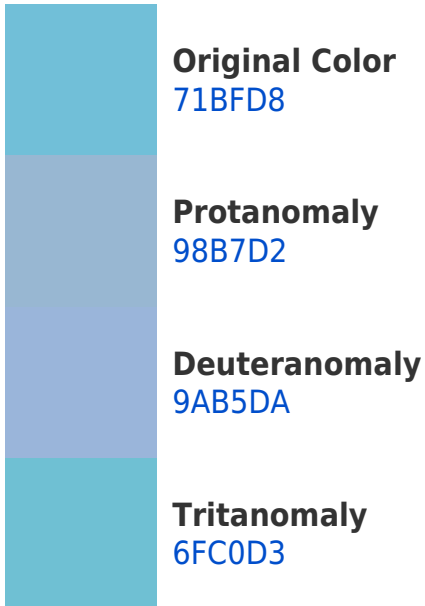
Color Blindness Simulation

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](#).

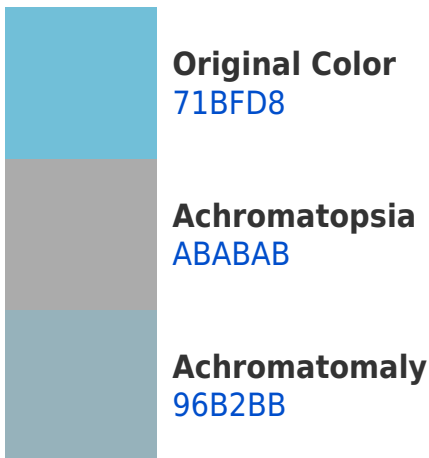
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 71BFD8 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 #71BFD8 looks like.

```
.text, #text, p{  
    color:#71BFD8  
}
```

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 #71BFD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71BFD8  
}
```

Border

The CSS property to change the border of an element to Hex 71BFD8 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  
#71BFD8 }
```

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

```
.border{ border-color:#71BFD8 }
```

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

Here you see how a box with a 4 pixel #71BFD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71BFD8; -webkit-box-shadow:4px 4px  
4px 4px #71BFD8; box-shadow:4px 4px 4px  
4px #71BFD8 }
```

Background

The CSS property to change the background color of an element to Hex 71BFD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71BFD8 }
```

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

```
.background{ background-color:#71BFD8 }
```

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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