

Converting Colors

Hex(71CDE8)

Have a look what the booklet for
Hex(71CDE8) contains.

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Color

Hex(71CDE8)

Conversions

Conversions Part 1

Format	Color
Hex	71CDE8
RGB	113, 205, 232
RGB Percent	44%, 80%, 91%
CMY	0.5569, 0.1961, 0.0902
CMYK	0.51, 0.12, 0.00, 0.09
HSL	194°, 72%, 68%
HSV	194°, 51%, 91%
XYZ	43.2069, 52.9995, 84.2966
YIQ	180.5700, -63.4990, -11.1070

Conversions

Conversions Part 2

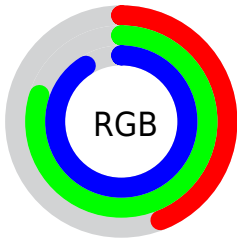
Format	Color
RYB	113, 165, 232
Decimal	7458280
CIELab	77.87, -20.18, -21.79
CIElCh	78, 29.702, 227.198
Yxy	52.9995, 0.2394, 0.2936
Android (android.graphics.Color)	4285648360 (0xFF71CDE8)
YUV	180.5700, 25.3550, -59.2589
Hunter-Lab	72.8008, -21.4626, -17.6918

Details

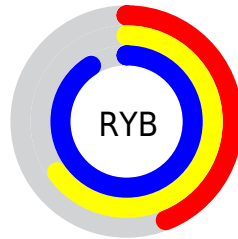
The Hex color **71CDE8** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **E88C71**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **ACFFFF**, and **3297B0** is the 20% darker color. If you saturate the color by 10%, you get **5AC8E8**, and if you desaturate by 10%, it is **88D2E8**.

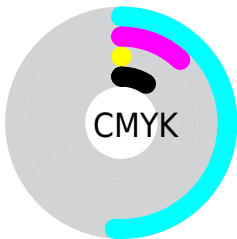
Distribution



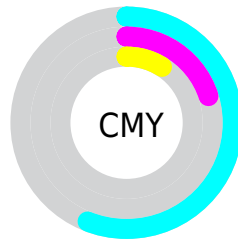
- Red (44%)
- Green (80%)
- Blue (91%)



- Red (44%)
- Yellow (65%)
- Blue (91%)



- Cyan (51%)
- Magenta (12%)
- Yellow (0%)
- Black (9%)




- Cyan (56%)
- Magenta (20%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71CDE8 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 71CDE8 by changing the saturation by 10% instead.

 71CDE8

 71CDE8

FFFFFF

 53B1CC

 ACFFFF

 3297B0

 C9FFFF

 007D96

 E7FFFF

 00647C

 004B63

 00344B

 002034

 00021F

 000002

 71CDE8

 71CDE8

 5AC8E8

 88D2E8

 43C2E8

 9FD8E8

 2BBDE8

 B7DDE8

 14B8E8

 CEE2E8

 00B3E8

 E5E7E8

 FCEDE8

 FFF2E8

 FFF7E8

 FFFCE8

Harmonies

Analogous

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



70D0D0



71CDE8



8DC7F6

Triad

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



71CDE8



F0AECE



C4C48C

Complementary

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



71CDE8



E88C71

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.



DFBB8B



71CDE8



F8ADB1

Square

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



71CDE8



D8B4E6



F2B299



A5CB9A

Rectangle

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



71CDE8



A7C1F7



F2B299



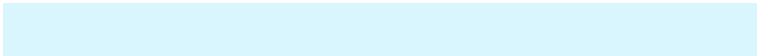
CEC18A

Sweetspot

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



71CDE8



D9F6FF



71E88B



697A80



000000



808080

Same Dimension

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



71CDE8



61DBFF



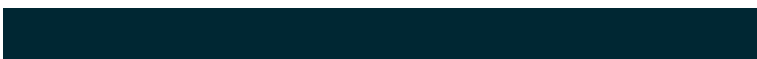
7193E8



677073



008AB3



002733

Inverse Universe

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



E871CD



FF61DB



E8C671



736770



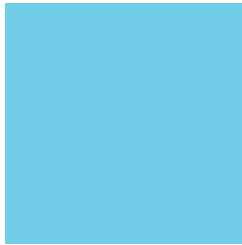
B3008A



330027

Previews

White Background



This preview shows how the Hex color 71CDE8 looks on a white background.

Color Contrast Check

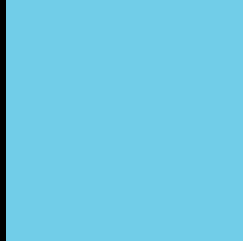
Large Text (above 18pt) WCAG AA × Fail

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 71CDE8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

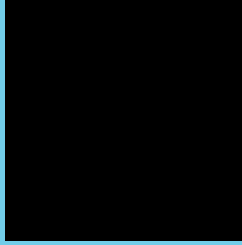
Any Text WCAG AA ✓ Pass

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 71CDE8 Background



This preview shows how black text looks on a background with the Hex color 71CDE8.

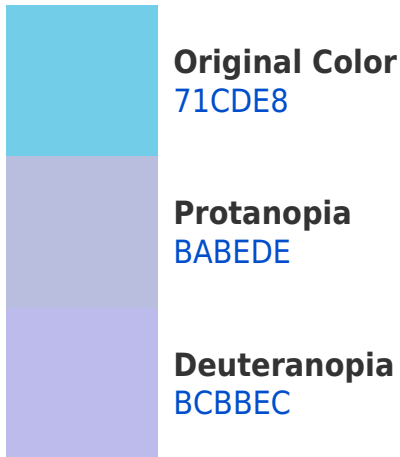


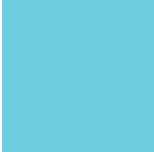
This preview shows how white text looks on a background with the Hex color 71CDE8.

Color Blindness Simulation

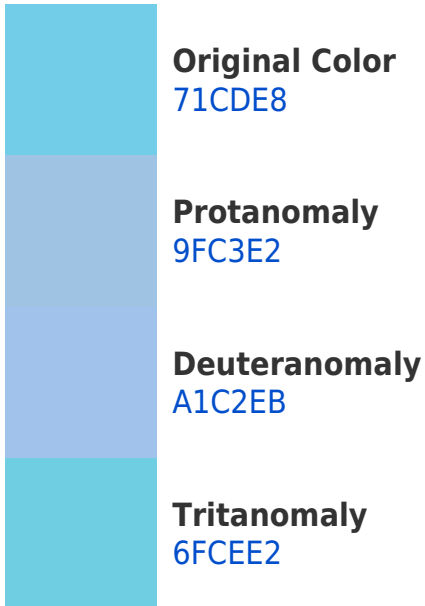
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 71CDE8 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 #71CDE8 looks like.

```
.text, #text, p{  
    color:#71CDE8  
}
```

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 #71CDE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71CDE8  
}
```

Border

The CSS property to change the border of an element to Hex 71CDE8 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  
#71CDE8 }
```

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

```
.border{ border-color:#71CDE8 }
```

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

Here you see how a box with a 4 pixel #71CDE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71CDE8; -webkit-box-shadow:4px 4px  
4px 4px #71CDE8; box-shadow:4px 4px 4px  
4px #71CDE8 }
```

Background

The CSS property to change the background color of an element to Hex 71CDE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71CDE8 }
```

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

```
.background{ background-color:#71CDE8 }
```

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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