

Converting Colors

Hex(71B1CE)

Have a look what the booklet for
Hex(71B1CE) contains.

Hex(71B1CE)	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(71B1CE)

Conversions

Conversions Part 1

Format	Color
Hex	71B1CE
RGB	113, 177, 206
RGB Percent	44%, 69%, 81%
CMY	0.5569, 0.3059, 0.1922
CMYK	0.45, 0.14, 0.00, 0.19
HSL	199°, 49%, 63%
HSV	199°, 45%, 81%
XYZ	33.6728, 39.4112, 64.2249
YIQ	161.1700, -47.4530, -4.5490

Conversions

Conversions Part 2

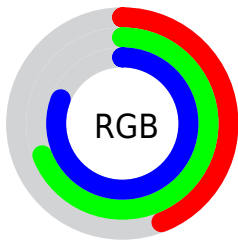
Format	Color
RYB	113, 151, 206
Decimal	7451086
CIELab	69.05, -12.79, -21.10
CIELCh	69, 24.671, 238.766
Yxy	39.4112, 0.2452, 0.2870
Android (android.graphics.Color)	4285641166 (0xFF71B1CE)
YUV	161.1700, 22.1012, -42.2451
Hunter-Lab	62.7784, -14.1191, -16.7113

Details

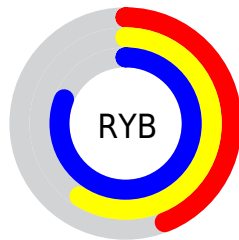
The Hex color **71B1CE** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **CE8E71**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **A9E9FF**, and **397C98** is the 20% darker color. If you saturate the color by 10%, you get **5CABCE**, and if you desaturate by 10%, it is **86B7CE**.

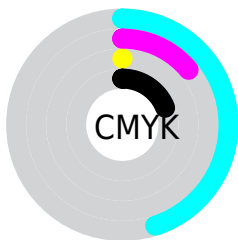
Distribution



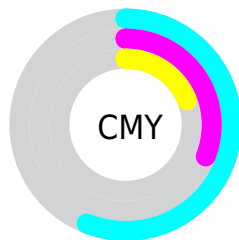
- Red (44%)
- Green (69%)
- Blue (81%)



- Red (44%)
- Yellow (59%)
- Blue (81%)



- Cyan (45%)
- Magenta (14%)
- Yellow (0%)
- Black (19%)



- Cyan (56%)
- Magenta (31%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71B1CE 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 71B1CE by changing the saturation by 10% instead.

 71B1CE

 71B1CE

FFFFFF

 5596B2

 A9E9FF

 397C98

 C5FFFF

 17637E

 E3FFFF

 004C65

 00354D


 002036

 000221

 000005

 000000

 71B1CE

 71B1CE

 5CABCE

 86B7CE

 48A4CE

 9ABECE

 339ECE

 AFC4CE

 1F97CE

 C3CBCE

 0A91CE

 D8D1CE

 008ECE

 EDD8CE

 FFDECE

 FFE4CE

 FFEBCE

Harmonies

Analogous

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



67B5BD



71B1CE



8CABD5

Triad

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



71B1CE



D398AA



A2AE81

Complementary

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



71B1CE



CE8E71

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.



BAA77C



71B1CE



D69A94

Square

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



71B1CE



C49CC0



CC9F83



88B391

Rectangle

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



71B1CE



A1A6D3



CC9F83



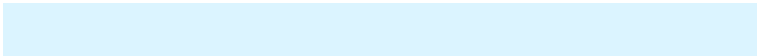
AAAC7E

Sweetspot

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



71B1CE



DBF4FF



71CE8D



6A7980



000000



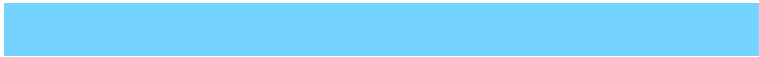
808080

Same Dimension

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



71B1CE



75D4FF



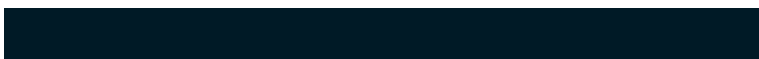
7184CE



5C6366



0072A6



001A26

Inverse Universe

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



CE71B1



FF75D4



CEBB71



665C63



A60072



26001A

Previews

White Background



This preview shows how the Hex color 71B1CE looks on a white background.

Color Contrast Check

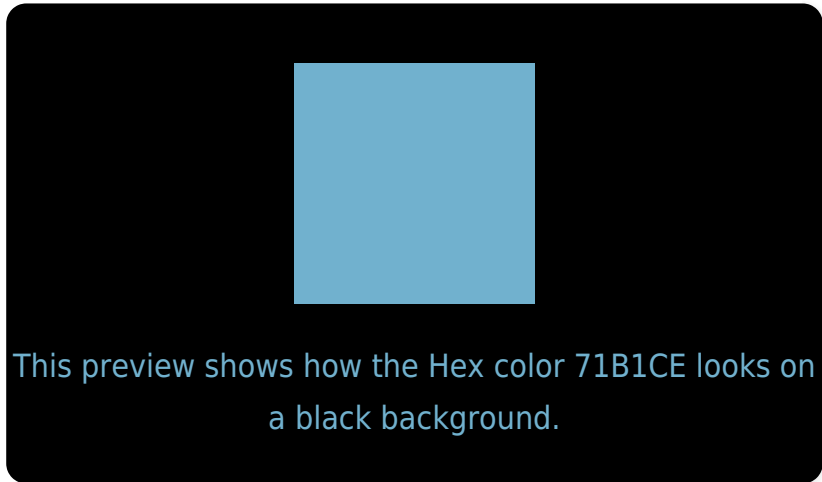
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 71B1CE Background



This preview shows how black text looks on a background with the Hex color 71B1CE.

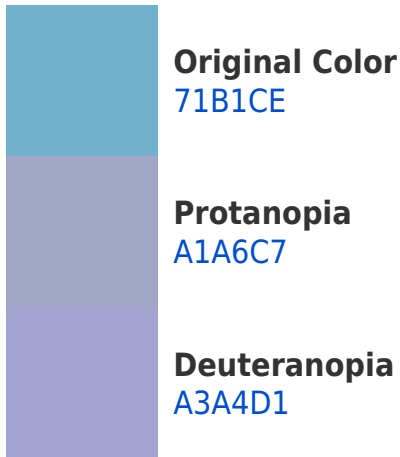


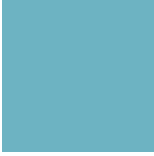
This preview shows how white text looks on a background with the Hex color 71B1CE.

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](#).

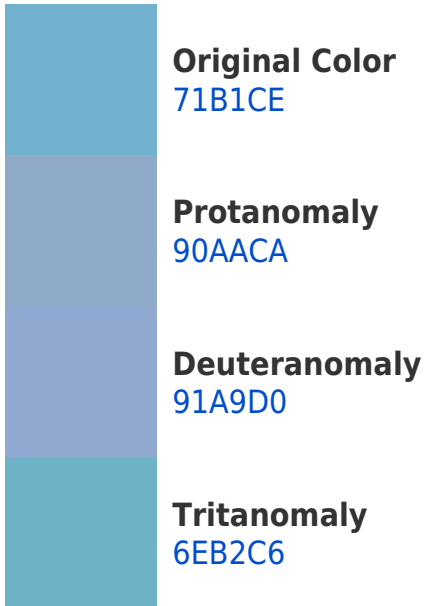
Dichromacy



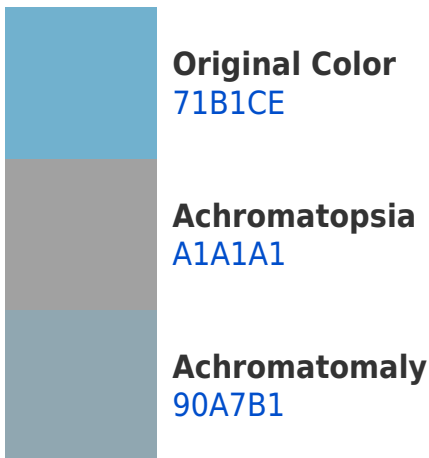


Tritanopia
6DB3C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 71B1CE 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 #71B1CE looks like.

```
.text, #text, p{  
    color:#71B1CE  
}
```

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 #71B1CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71B1CE
}
```

Border

The CSS property to change the border of an element to Hex 71B1CE 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
#71B1CE }
```

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

```
.border{ border-color:#71B1CE }
```

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

Here you see how a box with a 4 pixel #71B1CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71B1CE; -webkit-box-shadow:4px 4px  
4px 4px #71B1CE; box-shadow:4px 4px 4px  
4px #71B1CE }
```

Background

The CSS property to change the background color of an element to Hex 71B1CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71B1CE }
```

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

```
.background{ background-color:#71B1CE }
```

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