

Converting Colors

Hex(71BCC1)

Have a look what the booklet for
Hex(71BCC1) contains.

Hex(71BCC1)	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(71BCC1)

Conversions

Conversions Part 1

Format	Color
Hex	71BCC1
RGB	113, 188, 193
RGB Percent	44%, 74%, 76%
CMY	0.5569, 0.2627, 0.2431
CMYK	0.41, 0.03, 0.00, 0.24
HSL	184°, 39%, 60%
HSV	184°, 41%, 76%
XYZ	34.4189, 43.3274, 57.0010
YIQ	166.1450, -46.3050, -14.3450

Conversions

Conversions Part 2

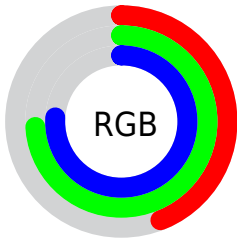
Format	Color
RYB	113, 152, 193
Decimal	7453889
CIELab	71.78, -21.96, -9.85
CIELCh	72, 24.068, 204.160
Yxy	43.3274, 0.2554, 0.3215
Android (android.graphics.Color)	4285643969 (0xFF71BCC1)
YUV	166.1450, 13.2395, -46.6082
Hunter-Lab	65.8236, -21.8542, -5.2667

Details

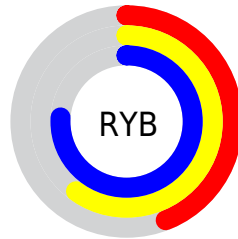
The Hex color **71BCC1** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C17671**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **A9F4F9**, and **39878C** is the 20% darker color. If you saturate the color by 10%, you get **5EBBC1**, and if you desaturate by 10%, it is **84BDC1**.

Distribution



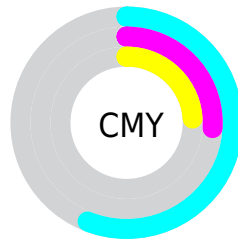
- Red (44%)
- Green (74%)
- Blue (76%)



- Red (44%)
- Yellow (60%)
- Blue (76%)



- Cyan (41%)
- Magenta (3%)
- Yellow (0%)
- Black (24%)



- Cyan (56%)
- Magenta (26%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71BCC1 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 71BCC1 by changing the saturation by 10% instead.

 71BCC1

 71BCC1

FFFFFF

 55A1A6

 A9F4F9

 39878C

 C5FFFF

 196D72

 E2FFFF


 00545A

 003D42

 00272C

 000D18

 000000

 71BCC1

 71BCC1

■ 5EBBC1

■ 84BDC1

■ 4ABAC1

■ 98BEC1

■ 37B8C1

■ ABC0C1

■ 24B7C1

■ BEC1C1

■ 10B6C1

■ D1C2C1

■ 00B5C1

■ E5C3C1

■ F8C4C1

■ FFC6C1

■ FFC7C1

Harmonies

Analogous

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



7DBCAB



71BCC1



78B9D3

Triad

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



71BCC1



C8A5CA



C4AD84

Complementary

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



71BCC1



C17671

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.



D5A68D



71BCC1



D9A0B5

Square

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



71BCC1



AEACD8



DDA19F



ADB488

Rectangle

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



71BCC1



86B5DA



DDA19F



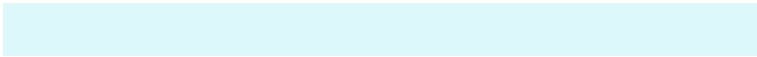
CBA86

Sweetspot

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



71BCC1



DCF8FA



71C175



6B7C7D



FCFCFC



7D7D7D

Same Dimension

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



71BCC1



7DF2FA



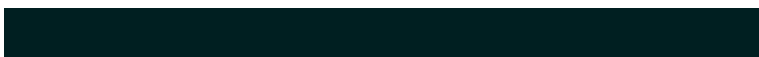
7195C1



576061



0097A1



001F21

Inverse Universe

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



C171BC



FA7DF2



C19D71



615760



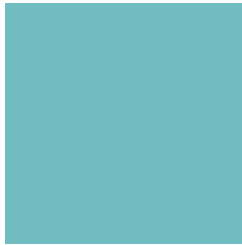
A10097



21001F

Previews

White Background



This preview shows how the Hex color 71BCC1 looks on a white background.

Color Contrast Check

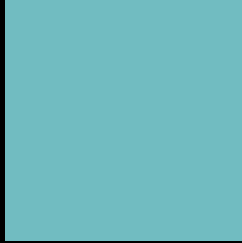
Large Text (above 18pt) WCAG AA × Fail

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 71BCC1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

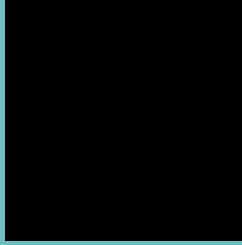
Any Text WCAG AA ✓ Pass

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 71BCC1 Background



This preview shows how black text looks on a background with the Hex color 71BCC1.

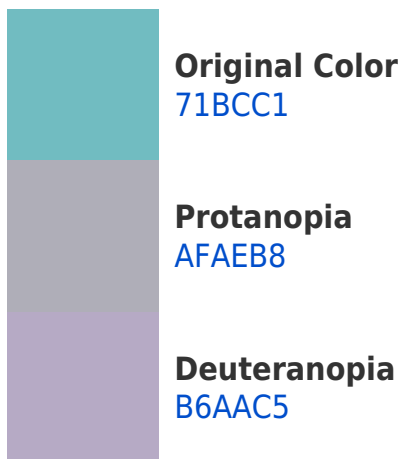


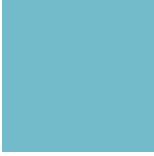
This preview shows how white text looks on a background with the Hex color 71BCC1.

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](#).

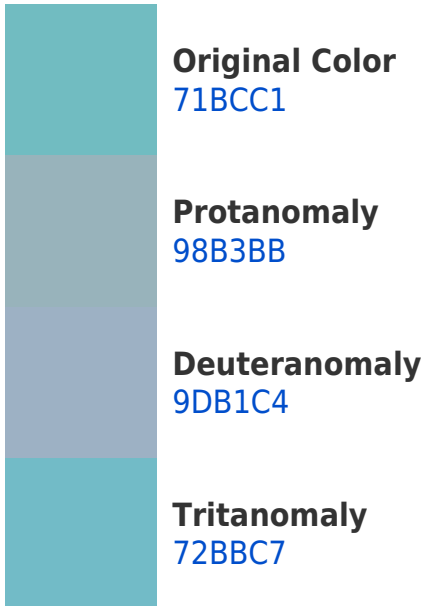
Dichromacy





Tritanopia
73BBCA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 71BCC1 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 #71BCC1 looks like.

```
.text, #text, p{  
    color:#71BCC1  
}
```

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 #71BCC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71BCC1  
}
```

Border

The CSS property to change the border of an element to Hex 71BCC1 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  
#71BCC1 }
```

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

```
.border{ border-color:#71BCC1 }
```

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

Here you see how a box with a 4 pixel #71BCC1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71BCC1; -webkit-box-shadow:4px 4px  
4px 4px #71BCC1; box-shadow:4px 4px 4px  
4px #71BCC1 }
```

Background

The CSS property to change the background color of an element to Hex 71BCC1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71BCC1 }
```

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

```
.background{ background-color:#71BCC1 }
```

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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