

Converting Colors

Hex(71BCC7)

Have a look what the booklet for
Hex(71BCC7) contains.

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Color

Hex(71BCC7)

Conversions

Conversions Part 1

Format	Color
Hex	71BCC7
RGB	113, 188, 199
RGB Percent	44%, 74%, 78%
CMY	0.5569, 0.2627, 0.2196
CMYK	0.43, 0.06, 0.00, 0.22
HSL	188°, 43%, 61%
HSV	188°, 43%, 78%
XYZ	35.1021, 43.6007, 60.5985
YIQ	166.8290, -48.2310, -12.4790

Conversions

Conversions Part 2

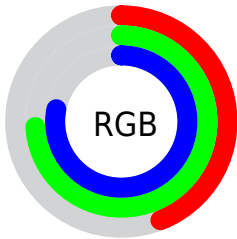
Format	Color
R _Y B	113, 153, 199
Decimal	7453895
CIE Lab	71.96, -20.41, -12.86
CIE LCh	72, 24.122, 212.204
Yxy	43.6007, 0.2520, 0.3130
Android (android.graphics.Color)	4285643975 (0xFF71BCC7)
YUV	166.8290, 15.8603, -47.2080
Hunter-Lab	66.0308, -20.6630, -8.1907

Details

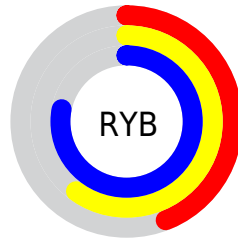
The Hex color **71BCC7** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C77C71**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **A9F4FF**, and **398791** is the 20% darker color. If you saturate the color by 10%, you get **5DB9C7**, and if you desaturate by 10%, it is **85BFC7**.

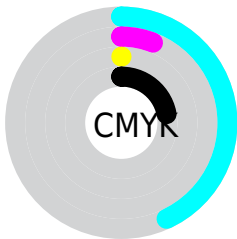
Distribution



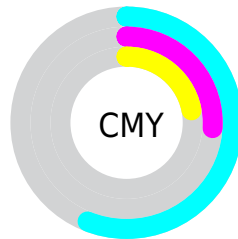
- Red (44%)
- Green (74%)
- Blue (78%)



- Red (44%)
- Yellow (60%)
- Blue (78%)



- Cyan (43%)
- Magenta (6%)
- Yellow (0%)
- Black (22%)



- Cyan (56%)
- Magenta (26%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71BCC7 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 71BCC7 by changing the saturation by 10% instead.

 71BCC7

 71BCC7


FFFFFF

 55A1AC

 A9F4FF

 398791

 C6FFFF

 176D77

 E3FFFF

 00555F

 003D47

 002731

 000E1C

 000000

 71BCC7

 71BCC7

■ 5DB9C7

■ 85BFC7

■ 49B7C7

■ 99C1C7

■ 35B4C7

■ ADC4C7

■ 21B2C7

■ C1C6C7

■ 0EAFC7

■ D5C9C7

■ 00AEC7

■ E8CBC7

■ FCCEC7

■ FFD0C7

■ FFD3C7

Harmonies

Analogous

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



79BDB1



71BCC7



7DB8D7

Triad

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



71BCC7



CEA4C5



BFAF84

Complementary

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



71BCC7



C77C71

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.



D2A88A



71BCC7



DCA1B0

Square

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



71BCC7



B6AAD6



DDA29A



A7B68B

Rectangle

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



71BCC7



8EB4DB



DDA29A



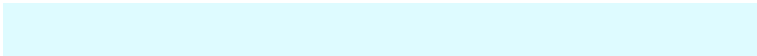
C6AD85

Sweetspot

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



71BCC7



DEFBFF



71C77B



6B7D80



000000



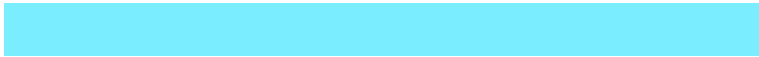
808080

Same Dimension

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



71BCC7



7AE EFF



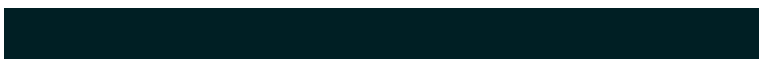
7192C7



5A6263



008EA3



001F24

Inverse Universe

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



C771BC



FF7AEE



C7A671



635A62



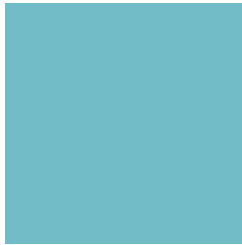
A3008E



24001F

Previews

White Background



This preview shows how the Hex color 71BCC7 looks on a white background.

Color Contrast Check

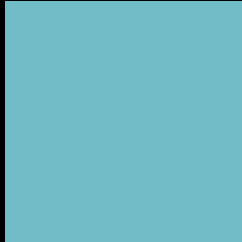
Large Text (above 18pt) WCAG AA × Fail

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 71BCC7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

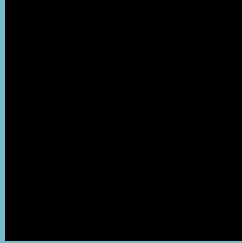
Any Text WCAG AA ✓ Pass

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 71BCC7 Background



This preview shows how black text looks on a background with the Hex color 71BCC7.

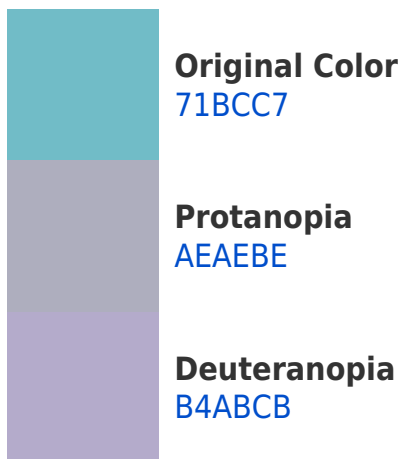


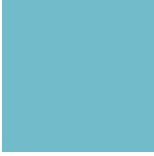
This preview shows how white text looks on a background with the Hex color 71BCC7.

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](#).

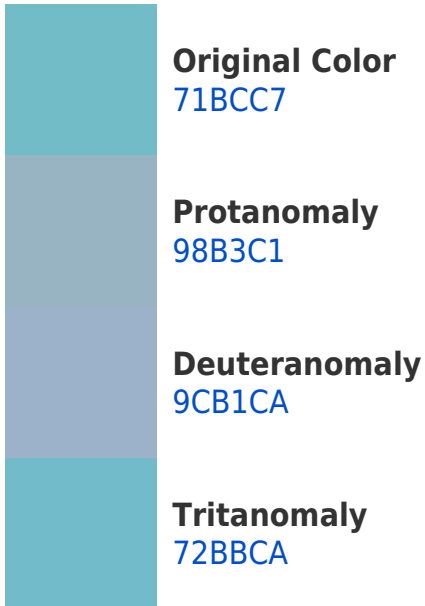
Dichromacy



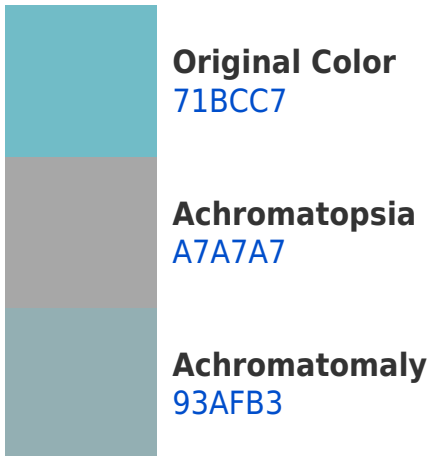


Tritanopia
72BBCB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 71BCC7 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 #71BCC7 looks like.

```
.text, #text, p{  
    color:#71BCC7  
}
```

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 #71BCC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71BCC7
}
```

Border

The CSS property to change the border of an element to Hex 71BCC7 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
#71BCC7 }
```

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

```
.border{ border-color:#71BCC7 }
```

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

Here you see how a box with a 4 pixel #71BCC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71BCC7; -webkit-box-shadow:4px 4px  
4px 4px #71BCC7; box-shadow:4px 4px 4px  
4px #71BCC7 }
```

Background

The CSS property to change the background color of an element to Hex 71BCC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71BCC7 }
```

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

```
.background{ background-color:#71BCC7 }
```

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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