

Converting Colors

Hex(70BCCF)

Have a look what the booklet for
Hex(70BCCF) contains.

Hex(70BCCF)	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(70BCCF)

Conversions

Conversions Part 1

Format	Color
Hex	70BCCF
RGB	112, 188, 207
RGB Percent	44%, 74%, 81%
CMY	0.5608, 0.2627, 0.1882
CMYK	0.46, 0.09, 0.00, 0.19
HSL	192°, 50%, 63%
HSV	192°, 46%, 81%
XYZ	35.9278, 43.9162, 65.6146
YIQ	167.4420, -51.3950, -10.2030

Conversions

Conversions Part 2

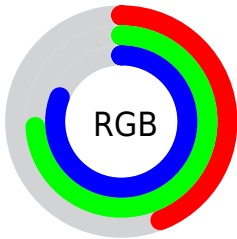
Format	Color
RYB	112, 154, 207
Decimal	7388367
CIELab	72.17, -18.53, -16.91
CIELCh	72, 25.088, 222.379
Yxy	43.9162, 0.2470, 0.3019
Android (android.graphics.Color)	4285578447 (0xFF70BCCF)
YUV	167.4420, 19.5021, -48.6226
Hunter-Lab	66.2693, -19.1977, -12.3157

Details

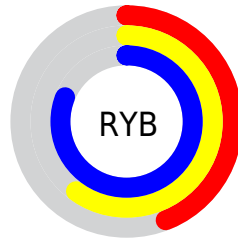
The Hex color **70BCCF** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **CF8370**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **A8F4FF**, and **368799** is the 20% darker color. If you saturate the color by 10%, you get **5BB8CF**, and if you desaturate by 10%, it is **85C0CF**.

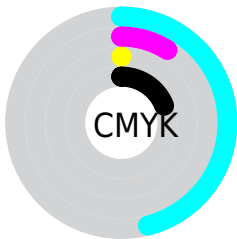
Distribution



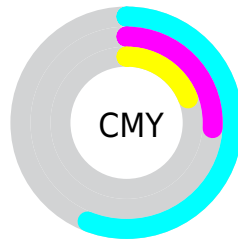
- Red (44%)
- Green (74%)
- Blue (81%)



- Red (44%)
- Yellow (60%)
- Blue (81%)



- Cyan (46%)
- Magenta (9%)
- Yellow (0%)
- Black (19%)



- Cyan (56%)
- Magenta (26%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70BCCF 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 70BCCF by changing the saturation by 10% instead.

 70BCCF

 70BCCF


FFFFFF

 54A1B3

 A8F4FF

 368799

 C5FFFF

 116D7F

 E2FFFF

 005566

 003D4E

 002737

 001022

 000008

 000000

 70BCCF

 70BCCF

 5BB8CF

 85C0CF

 47B4CF

 99C4CF

 32B0CF

 AEC8CF

 1DABCF

 C3CDCF

 08A7CF

 D8D1CF

 00A6CF

 ECD5CF

 FFD9CF

 FFDDCF

 FFE1CF

Harmonies

Analogous

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



72BEBA



70BCCF



83B7DC

Triad

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



70BCCF



D6A2BF



B8B384

Complementary

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



70BCCF



CF8370

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.



CEAB86



70BCCF



E0A0A8

Square

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



70BCCF



C0A8D3



DCA493



9EB98F

Rectangle

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



70BCCF



98B2DE



DCA493



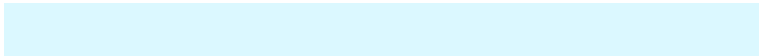
C0B083

Sweetspot

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



70BCCF



DBF8FF



70CF83



6A7B80



000000



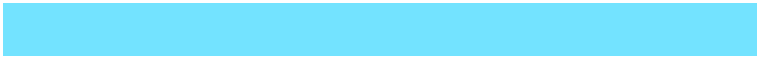
808080

Same Dimension

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



70BCCF



73E3FF



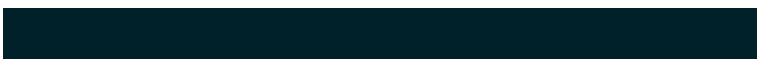
708ECF



5E6669



0087A8



002129

Inverse Universe

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



CF70BC



FF73E3



CFB370



695E66



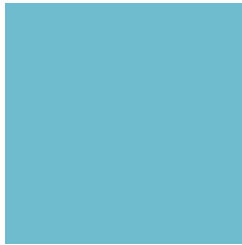
A80087



290021

Previews

White Background



This preview shows how the Hex color 70BCCF looks on a white background.

Color Contrast Check

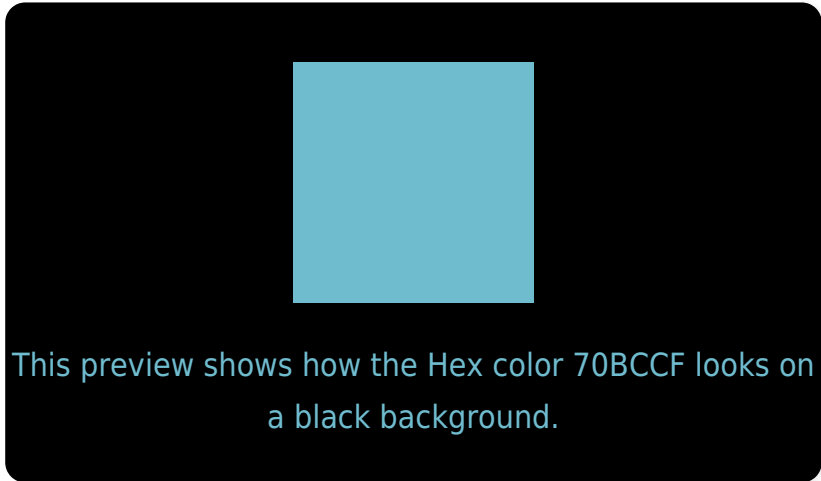
Large Text (above 18pt) WCAG AA × Fail

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

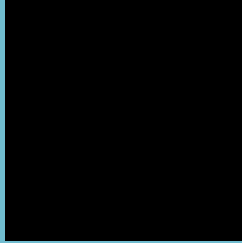
Any Text WCAG AA ✓ Pass

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 70BCCF Background



This preview shows how black text looks on a background with the Hex color 70BCCF.

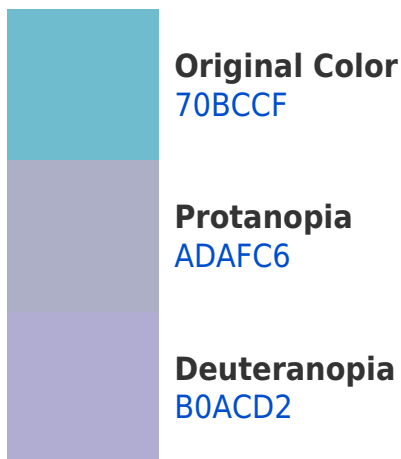


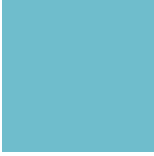
This preview shows how white text looks on a background with the Hex color 70BCCF.

Color Blindness Simulation

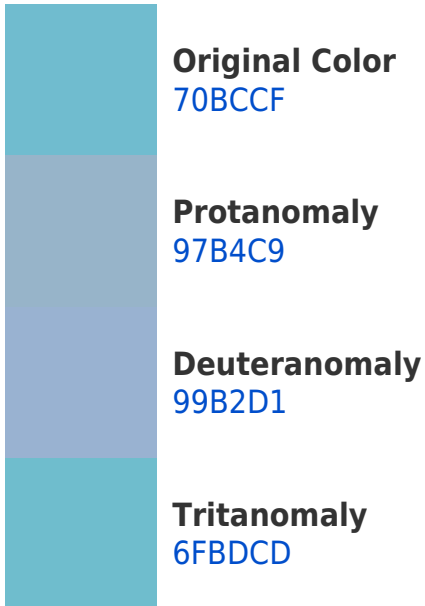
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

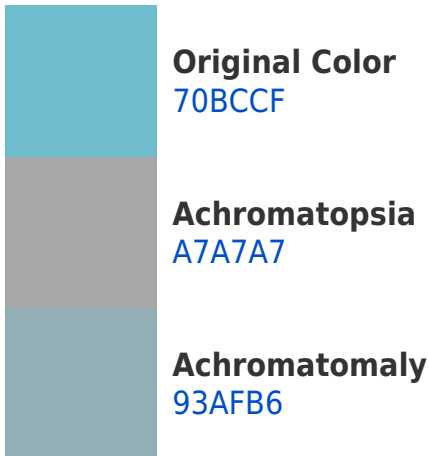




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 70BCCF 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 #70BCCF looks like.

```
.text, #text, p{  
    color:#70BCCF  
}
```

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 #70BCCF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70BCCF  
}
```

Border

The CSS property to change the border of an element to Hex 70BCCF 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  
#70BCCF }
```

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

```
.border{ border-color:#70BCCF }
```

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

Here you see how a box with a 4 pixel #70BCCF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70BCCF; -webkit-box-shadow:4px 4px  
4px 4px #70BCCF; box-shadow:4px 4px 4px  
4px #70BCCF }
```

Background

The CSS property to change the background color of an element to Hex 70BCCF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70BCCF }
```

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

```
.background{ background-color:#70BCCF }
```

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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