

# Converting Colors

Hex(70A4CB)

Have a look what the booklet for  
Hex(70A4CB) contains.

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# **Color**

**Hex(70A4CB)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 70A4CB                     |
| RGB           | 112, 164, 203              |
| RGB Percent   | 44%, 64%, 80%              |
| CMY           | 0.5608, 0.3569, 0.2039     |
| CMYK          | 0.45, 0.19, 0.00, 0.20     |
| HSL           | 206°, 47%, 62%             |
| HSV           | 206°, 45%, 80%             |
| XYZ           | 30.7370, 34.3075, 61.5019  |
| YIQ           | 152.8980, -43.5110, 1.1050 |

# Conversions

## Conversions Part 2

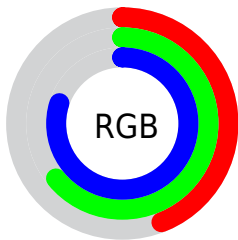
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">112, 145, 203</a>                              |
| Decimal                             | <a href="#">7382219</a>                                    |
| CIELab                              | <a href="#">65.21, -6.83, -25.32</a>                       |
| CIELCh                              | <a href="#">65, 26.220, 254.906</a>                        |
| Yxy                                 | <a href="#">34.3075, 0.2429, 0.2711</a>                    |
| Android<br>(android.graphics.Color) | <a href="#">4285572299</a><br><a href="#">(0xFF70A4CB)</a> |
| YUV                                 | <a href="#">152.8980, 24.7003, -35.8675</a>                |
| Hunter-Lab                          | <a href="#">58.5726, -8.8308, -21.2544</a>                 |

# Details

The Hex color **70A4CB** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **CB9770**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **A7DBFF**, and **397095** is the 20% darker color. If you saturate the color by 10%, you get **5C9BCB**, and if you desaturate by 10%, it is **84ADCB**.

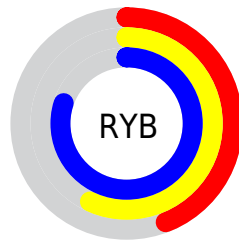
# Distribution



Red (44%)

Green (64%)

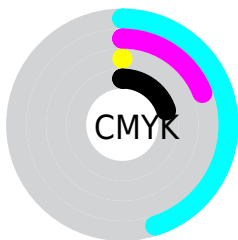
Blue (80%)



Red (44%)

Yellow (57%)

Blue (80%)

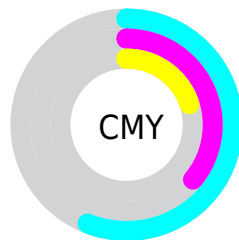


Cyan (45%)

Magenta (19%)

Yellow (0%)

Black (20%)



Cyan (56%)

Magenta (36%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 70A4CB 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 70A4CB by changing the saturation by 10% instead.



 70A4CB

 70A4CB

FFFFFF

 558AB0

 A7DBFF

 397095

 C4F7FF

 18587B

 E1FFFF

 004162

FEFFFF

 002B4A

 001733

 00021E

 000000

 70A4CB

 70A4CB

■ 5C9BCB

■ 84ADCB

■ 4793CB

■ 99B5CB

■ 338ACB

■ ADBECB

■ 1F81CB

■ C1C7CB

■ 0B79CB

■ D6D0CB

■ 0074CB

■ EAD8CB

■ FEE1CB

■ FFEACB

■ FFF2CB

# Harmonies

## Analogous

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



59A9BF



70A4CB



919CCB

# Triad

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



70A4CB



CE8D93



89A77C

# Complementary

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



70A4CB



CB9770

# 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.



A3A171



70A4CB



C9917E

# Square

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



70A4CB



C58EAB



BA9971



6EAB91

# Rectangle

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



70A4CB



A797C5



BA9971



92A577

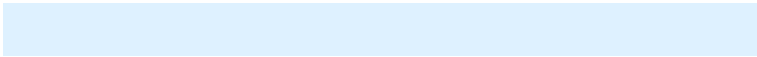


# Sweetspot

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



70A4CB



DEF1FF



70CB96



6B7780



000000



808080

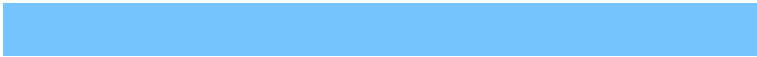


# Same Dimension

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



70A4CB



75C4FF



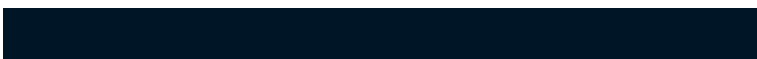
7078CB



5C6266



005FA6



001626



# Inverse Universe

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



CB70A4



FF75C4



CBC370



665C62



A6005F



260016



# Previews

## White Background



This preview shows how the Hex color 70A4CB looks on a white background.

## Color Contrast Check

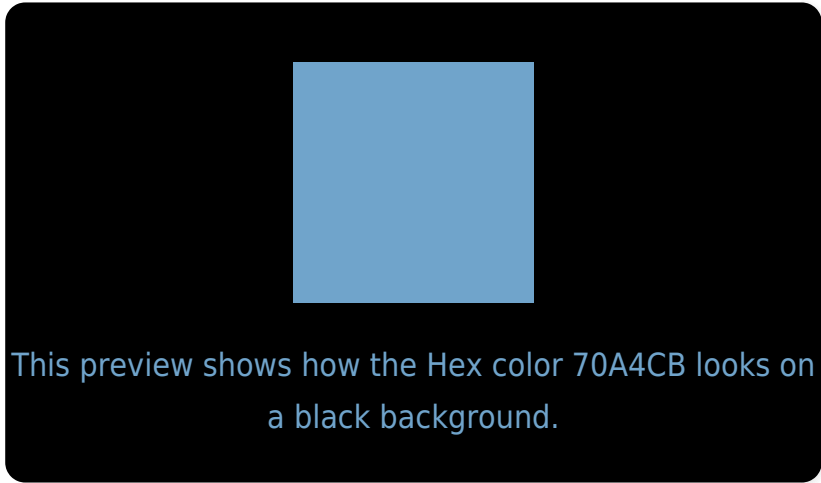
Large Text (above 18pt) WCAG AA × Fail

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

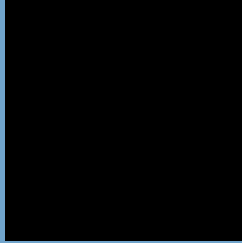
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

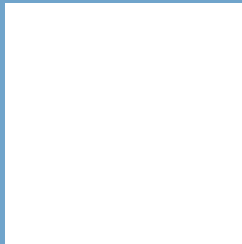
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 70A4CB Background



This preview shows how black text looks on a background with the Hex color 70A4CB.

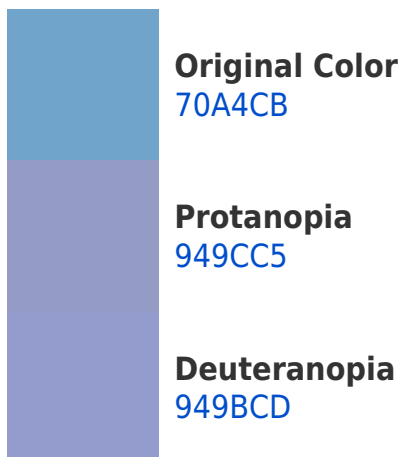


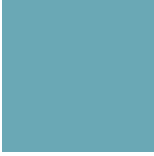
This preview shows how white text looks on a background with the Hex color 70A4CB.

# 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](#).

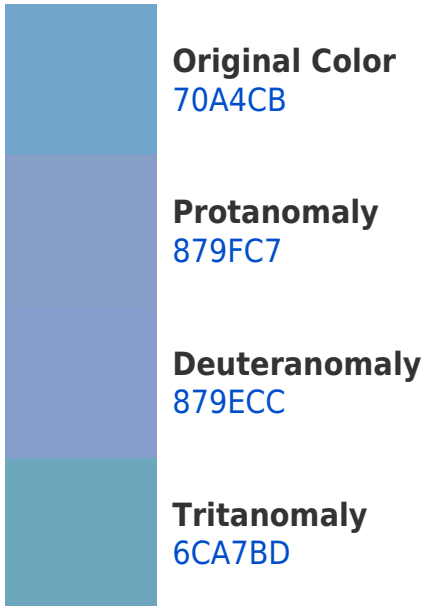
## Dichromacy



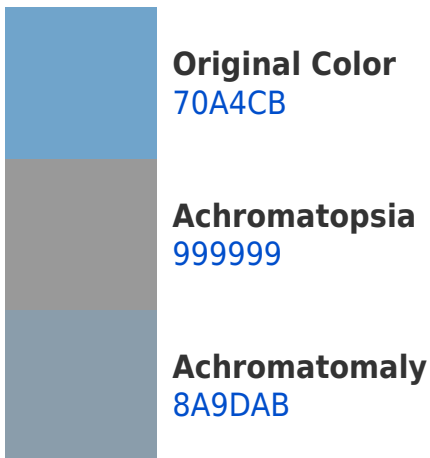


**Tritanopia**  
6AA8B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 70A4CB 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 #70A4CB looks like.

```
.text, #text, p{  
    color:#70A4CB  
}
```

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 #70A4CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70A4CB
}
```

## Border

The CSS property to change the border of an element to Hex 70A4CB 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
#70A4CB }
```

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

```
.border{ border-color:#70A4CB }
```

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

Here you see how a box with a 4 pixel #70A4CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70A4CB; -webkit-box-shadow:4px 4px  
4px 4px #70A4CB; box-shadow:4px 4px 4px  
4px #70A4CB }
```

# Background

The CSS property to change the background color of an element to Hex 70A4CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70A4CB }
```

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

```
.background{ background-color:#70A4CB }
```

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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