

Converting Colors

Hex(70A6CC)

Have a look what the booklet for
Hex(70A6CC) contains.

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Color

Hex(70A6CC)

Conversions

Conversions Part 1

Format	Color
Hex	70A6CC
RGB	112, 166, 204
RGB Percent	44%, 65%, 80%
CMY	0.5608, 0.3490, 0.2000
CMYK	0.45, 0.19, 0.00, 0.20
HSL	205°, 47%, 62%
HSV	205°, 45%, 80%
XYZ	31.2174, 35.0768, 62.2519
YIQ	154.1860, -44.3820, 0.3700

Conversions

Conversions Part 2

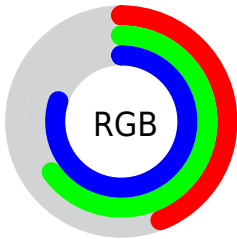
Format	Color
R _Y B	112, 146, 204
Decimal	7382732
CIE Lab	65.81, -7.65, -24.95
CIE LCh	66, 26.091, 252.959
Yxy	35.0768, 0.2428, 0.2729
Android (android.graphics.Color)	4285572812 (0xFF70A6CC)
YUV	154.1860, 24.5583, -36.9971
Hunter-Lab	59.2257, -9.5590, -20.8615

Details

The Hex color **70A6CC** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **CC9670**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **A8DDFF**, and **387296** is the 20% darker color. If you saturate the color by 10%, you get **5C9ECC**, and if you desaturate by 10%, it is **84AECC**.

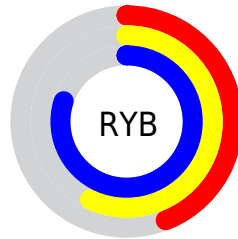
Distribution



Red (44%)

Green (65%)

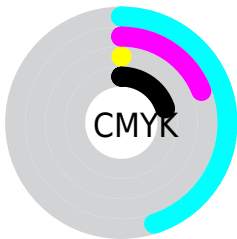
Blue (80%)



Red (44%)

Yellow (57%)

Blue (80%)

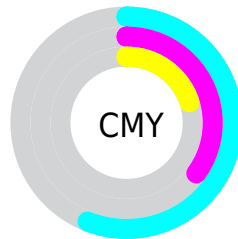


Cyan (45%)

Magenta (19%)

Yellow (0%)

Black (20%)



Cyan (56%)

Magenta (35%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70A6CC 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 70A6CC by changing the saturation by 10% instead.

 70A6CC

 70A6CC

FFFFFF

 558CB0

 A8DDFF

 387296

 C4FAFF

 185A7C

 E1FFFF

 004263

FEFFFF

 002C4B

 001834

 00021F

 000001

 000000

■ 70A6CC

■ 70A6CC

■ 5C9ECC

■ 84AECC

■ 4795CC

■ 99B7CC

■ 338DCC

■ ADBFCC

■ 1E84CC

■ C2C8CC

■ 0A7CCC

■ D6D0CC

■ 0078CC

■ EAD9CC

■ FFE1CC

■ FFE9CC

■ FFF2CC

Harmonies

Analogous

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



5AABBF



70A6CC



919FCD

Triad

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



70A6CC



CF8F96



8CA87D

Complementary

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



70A6CC



CC9670

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.



A6A272



70A6CC



CB9381

Square

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



70A6CC



C690AE



BD9A74



71AC91

Rectangle

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



70A6CC



A699C7



BD9A74



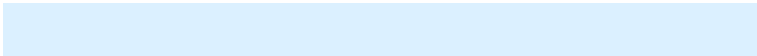
95A678

Sweetspot

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



70A6CC



DBF0FF



70CC95



6A7780



000000



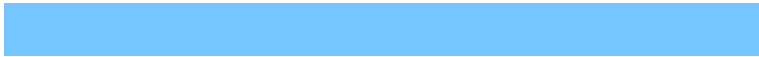
808080

Same Dimension

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



70A6CC



75C6FF



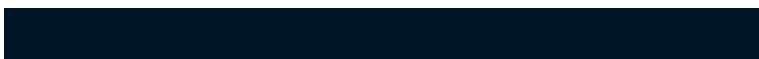
7079CC



5C6266



0061A6



001626

Inverse Universe

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



CC70A6



FF75C6



CCC370



665C62



A60061



260016

Previews

White Background



This preview shows how the Hex color 70A6CC looks on a white background.

Color Contrast Check

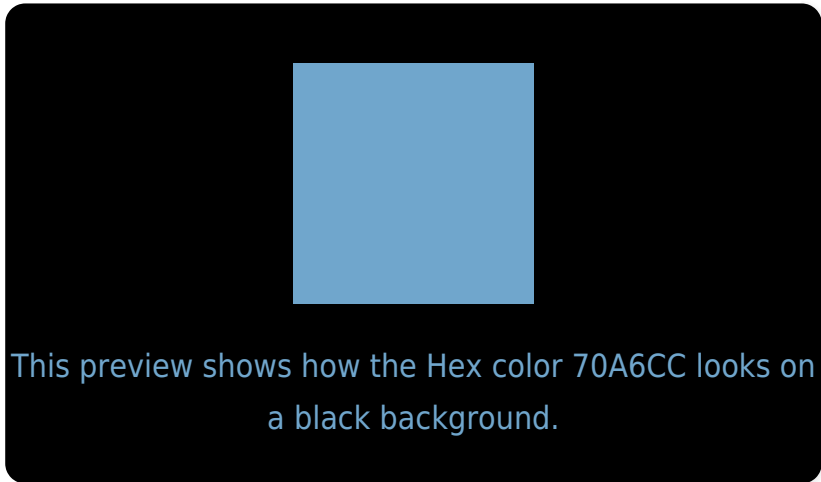
Large Text (above 18pt) WCAG AA × Fail

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

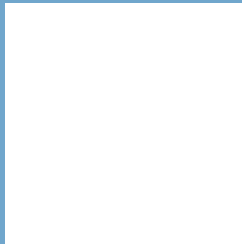
Any Text WCAG AAA ✓ Pass

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

Hex 70A6CC Background



This preview shows how black text looks on a background with the Hex color 70A6CC.

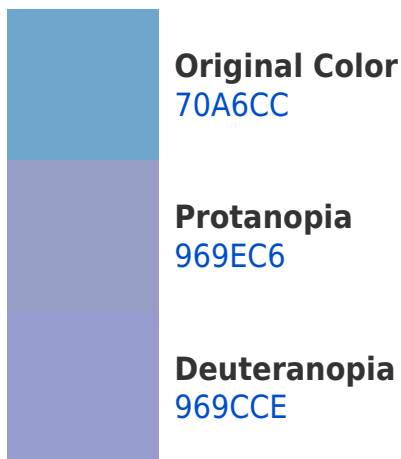


This preview shows how white text looks on a background with the Hex color 70A6CC.

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](#).

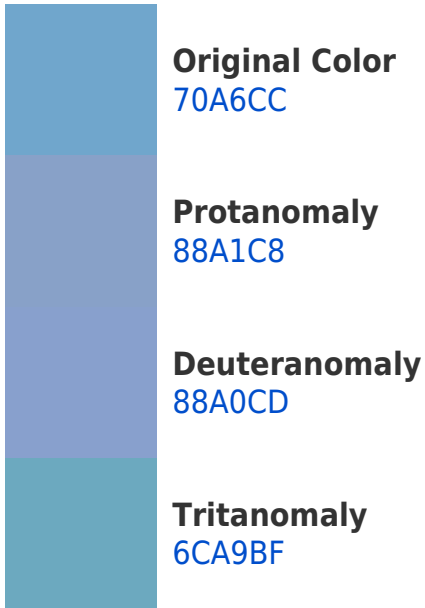
Dichromacy



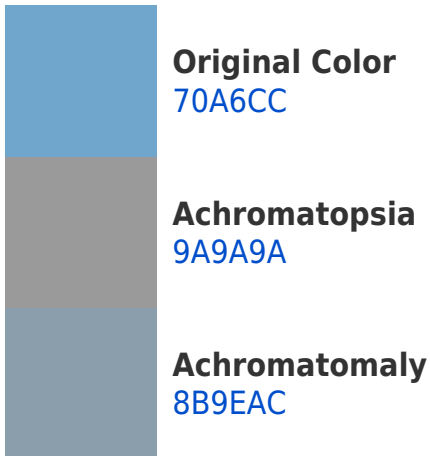


Tritanopia
6AAAB7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 70A6CC 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 #70A6CC looks like.

```
.text, #text, p{  
    color:#70A6CC  
}
```

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 #70A6CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70A6CC
}
```

Border

The CSS property to change the border of an element to Hex 70A6CC 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
#70A6CC }
```

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

```
.border{ border-color:#70A6CC }
```

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

Here you see how a box with a 4 pixel #70A6CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70A6CC; -webkit-box-shadow:4px 4px  
4px 4px #70A6CC; box-shadow:4px 4px 4px  
4px #70A6CC }
```

Background

The CSS property to change the background color of an element to Hex 70A6CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70A6CC }
```

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

```
.background{ background-color:#70A6CC }
```

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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