

Converting Colors

Hex(70A2DC)

Have a look what the booklet for
Hex(70A2DC) contains.

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Color

Hex(70A2DC)

Conversions

Conversions Part 1

Format	Color
Hex	70A2DC
RGB	112, 162, 220
RGB Percent	44%, 64%, 86%
CMY	0.5608, 0.3647, 0.1373
CMYK	0.49, 0.26, 0.00, 0.14
HSL	212°, 61%, 65%
HSV	212°, 49%, 86%
XYZ	32.5207, 34.4527, 72.6462
YIQ	153.6620, -48.4180, 7.4380

Conversions

Conversions Part 2

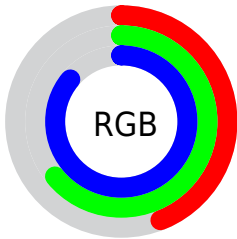
Format	Color
RYB	112, 146, 220
Decimal	7381724
CIELab	65.32, -0.81, -34.55
CIELCh	65, 34.564, 268.663
Yxy	34.4527, 0.2329, 0.2468
Android (android.graphics.Color)	4285571804 (0xFF70A2DC)
YUV	153.6620, 32.7046, -36.5376
Hunter-Lab	58.6964, -3.8210, -32.2933

Details

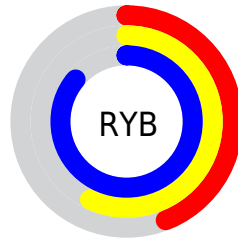
The Hex color **70A2DC** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **DCAA70**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **A9D9FF**, and **366FA5** is the 20% darker color. If you saturate the color by 10%, you get **5A96DC**, and if you desaturate by 10%, it is **86AEDC**.

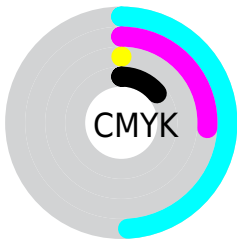
Distribution



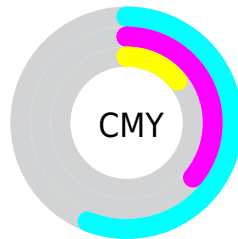
- Red (44%)
- Green (64%)
- Blue (86%)



- Red (44%)
- Yellow (57%)
- Blue (86%)



- Cyan (49%)
- Magenta (26%)
- Yellow (0%)
- Black (14%)



- Cyan (56%)
- Magenta (36%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70A2DC 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 70A2DC by changing the saturation by 10% instead.

■ 70A2DC

■ 70A2DC

FFFFFF

■ 5488C0

■ A9D9FF

■ 366FA5

■ C5F5FF

■ 0E568A

■ E3FFFF

■ 003F70

■ 002A58

■ 001640

■ 00032A

■ 000114

■ 000000

■ 70A2DC

■ 70A2DC

■ 5A96DC

■ 86AEDC

■ 448ADC

■ 9CBADC

■ 2E7FDC

■ B2C5DC

■ 1873DC

■ C8D1DC

■ 0267DC

■ DEDDDC

■ 0066DC

■ F4E9DC

■ FFF5DC

■ FFFFDC

Harmonies

Analogous

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



3CAAD3



70A2DC



A097D5

Triad

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



70A2DC



DA8982



70AC7D

Complementary

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



70A2DC



DCAA70

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.



94A667



70A2DC



CD916B

Square

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



70A2DC



D887A1



B49C60



47AF9C

Rectangle

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



70A2DC



BA90C8



B49C60



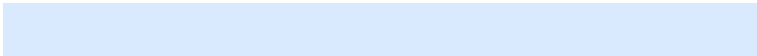
7CAA75

Sweetspot

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



70A2DC



D9EAFF



70DCAA



697380



000000



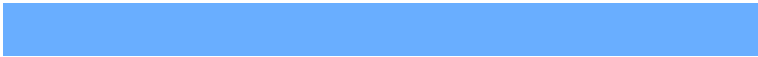
808080

Same Dimension

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



70A2DC



69AEFF



7470DC



63686E



0050AD



00152E

Inverse Universe

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



DC70A2



FF69AE



D8DC70



6E6368



AD0050



2E0015

Previews

White Background



This preview shows how the Hex color 70A2DC looks on a white background.

Color Contrast Check

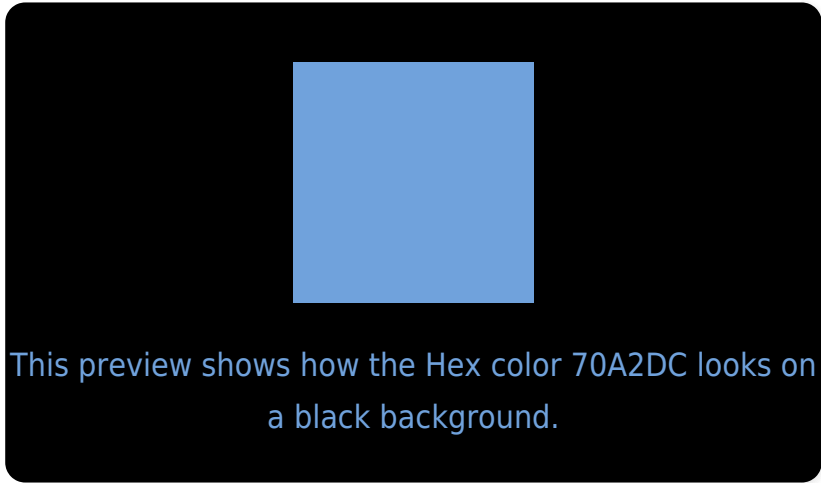
Large Text (above 18pt) WCAG AA × Fail

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

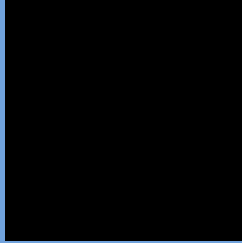
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

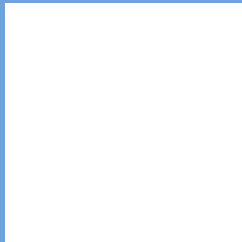
Any Text WCAG AAA ✓ Pass

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

Hex 70A2DC Background



This preview shows how black text looks on a background with the Hex color 70A2DC.

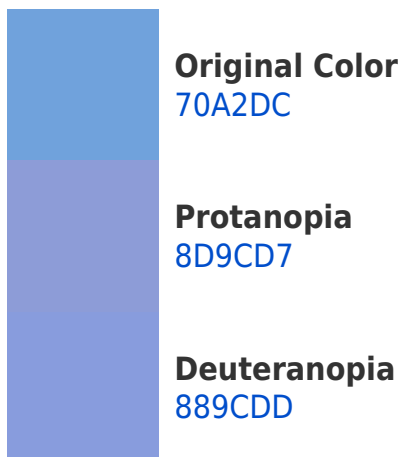


This preview shows how white text looks on a background with the Hex color 70A2DC.

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](#).

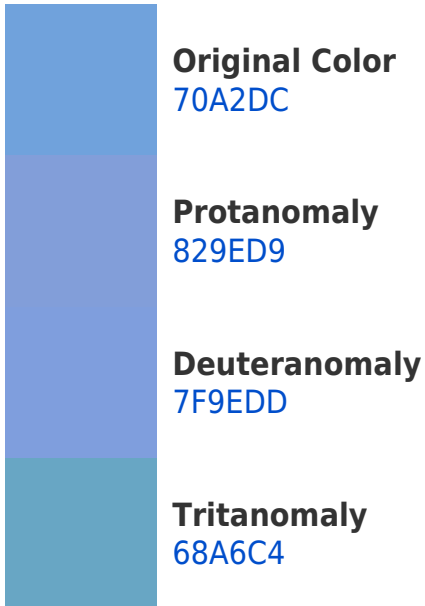
Dichromacy



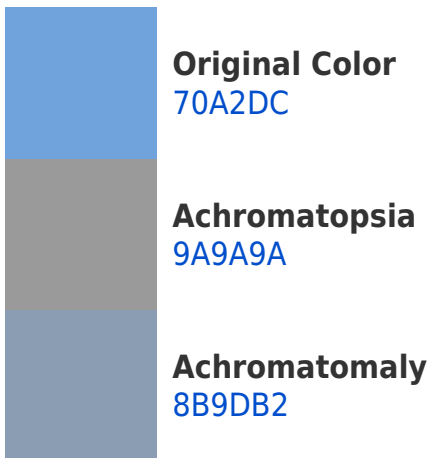


Tritanopia
64A9B7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 70A2DC 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 #70A2DC looks like.

```
.text, #text, p{  
    color:#70A2DC  
}
```

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 #70A2DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70A2DC
}
```

Border

The CSS property to change the border of an element to Hex 70A2DC 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
#70A2DC }
```

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

```
.border{ border-color:#70A2DC }
```

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

Here you see how a box with a 4 pixel #70A2DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70A2DC; -webkit-box-shadow:4px 4px  
4px 4px #70A2DC; box-shadow:4px 4px 4px  
4px #70A2DC }
```

Background

The CSS property to change the background color of an element to Hex 70A2DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70A2DC }
```

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

```
.background{ background-color:#70A2DC }
```

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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