

Converting Colors

Hex(70A8D3)

Have a look what the booklet for
Hex(70A8D3) contains.

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Color

Hex(70A8D3)

Conversions

Conversions Part 1

Format	Color
Hex	70A8D3
RGB	112, 168, 211
RGB Percent	44%, 66%, 83%
CMY	0.5608, 0.3412, 0.1725
CMYK	0.47, 0.20, 0.00, 0.17
HSL	206°, 53%, 63%
HSV	206°, 47%, 83%
XYZ	32.4426, 36.1532, 66.8964
YIQ	156.1580, -47.1790, 1.5010

Conversions

Conversions Part 2

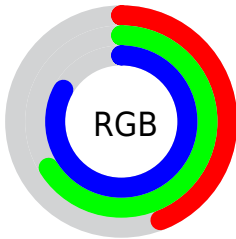
Format	Color
RYB	112, 148, 211
Decimal	7383251
CIELab	66.64, -6.76, -27.55
CIELCh	67, 28.365, 256.210
Yxy	36.1532, 0.2394, 0.2668
Android (android.graphics.Color)	4285573331 (0xFF70A8D3)
YUV	156.1580, 27.0371, -38.7266
Hunter-Lab	60.1275, -8.9111, -23.8753

Details

The Hex color **70A8D3** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D39B70**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **A8DFFF**, and **37749C** is the 20% darker color. If you saturate the color by 10%, you get **5B9FD3**, and if you desaturate by 10%, it is **85B1D3**.

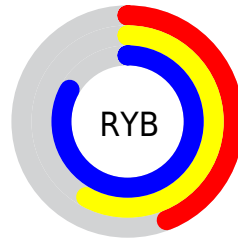
Distribution



Red (44%)

Green (66%)

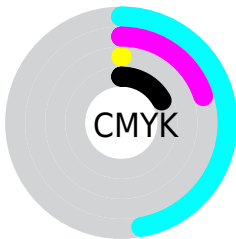
Blue (83%)



Red (44%)

Yellow (58%)

Blue (83%)

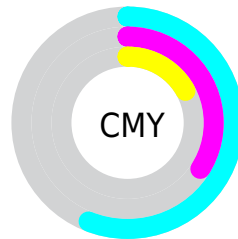


Cyan (47%)

Magenta (20%)

Yellow (0%)

Black (17%)



Cyan (56%)

Magenta (34%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70A8D3 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 70A8D3 by changing the saturation by 10% instead.

 70A8D3

 70A8D3

FFFFFF

 548EB7

 A8DFFF

 37749C

 C5FCFF

 145C82

 E2FFFF

 004469

 002E50

 001A39

 000224

 00000B

 000000

■ 70A8D3

■ 70A8D3

■ 5B9FD3

■ 85B1D3

■ 4696D3

■ 9ABAD3

■ 318DD3

■ AFC3D3

■ 1C83D3

■ C4CDD3

■ 077AD3

■ D9D6D3

■ 0077D3

■ EFD3D3

■ FFE8D3

■ FFF1D3

■ FFFAD3

Harmonies

Analogous

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



55AEC6



70A8D3



95A0D3

Triad

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



70A8D3



D58F95



89AB7E

Complementary

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



70A8D3



D39B70

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.



A6A571



70A8D3



D0947E

Square

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



70A8D3



CD90AF



BF9C71



6CAF95

Rectangle

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



70A8D3



AD9ACB



BF9C71



93AA78

Sweetspot

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



70A8D3



DBEFFF



70D39B



6A7680



000000



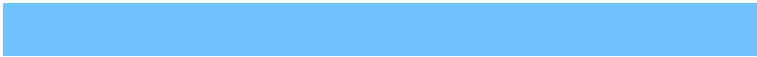
808080

Same Dimension

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



70A8D3



70C1FF



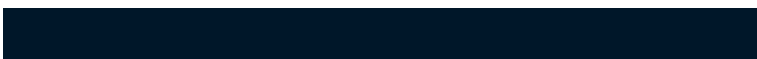
7077D3



5E6469



005FA8



001729

Inverse Universe

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



D370A8



FF70C1



D3CC70



695E64



A8005F



290017

Previews

White Background



This preview shows how the Hex color 70A8D3 looks on a white background.

Color Contrast Check

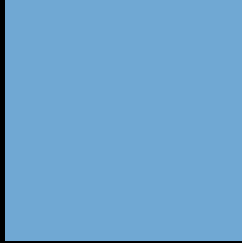
Large Text (above 18pt) WCAG AA × Fail

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 70A8D3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

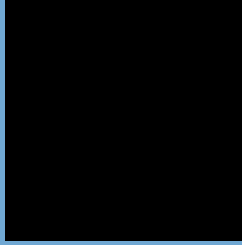
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

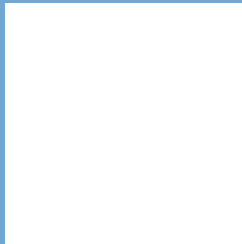
Any Text WCAG AAA ✓ Pass

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

Hex 70A8D3 Background



This preview shows how black text looks on a background with the Hex color 70A8D3.

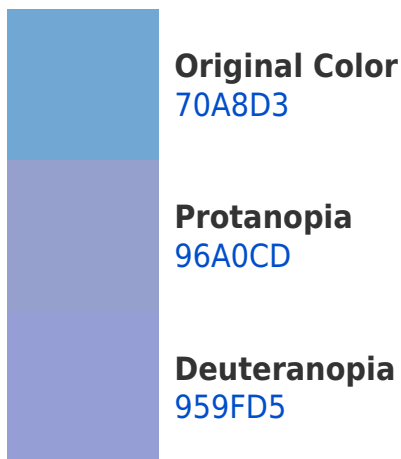


This preview shows how white text looks on a background with the Hex color 70A8D3.

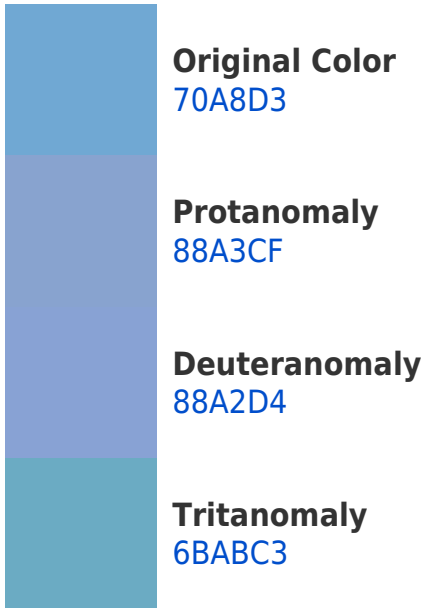
Color Blindness Simulation

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](#).

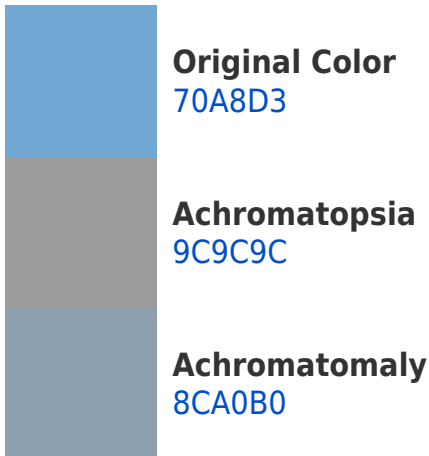
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 70A8D3 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 #70A8D3 looks like.

```
.text, #text, p{  
    color:#70A8D3  
}
```

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 #70A8D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70A8D3
}
```

Border

The CSS property to change the border of an element to Hex 70A8D3 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
#70A8D3 }
```

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

```
.border{ border-color:#70A8D3 }
```

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

Here you see how a box with a 4 pixel #70A8D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70A8D3; -webkit-box-shadow:4px 4px  
4px 4px #70A8D3; box-shadow:4px 4px 4px  
4px #70A8D3 }
```

Background

The CSS property to change the background color of an element to Hex 70A8D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70A8D3 }
```

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

```
.background{ background-color:#70A8D3 }
```

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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