

# Converting Colors

Hex(70ADD3)

Have a look what the booklet for  
Hex(70ADD3) contains.

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# **Color**

**Hex(70ADD3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	70ADD3
RGB	112, 173, 211
RGB Percent	44%, 68%, 83%
CMY	0.5608, 0.3216, 0.1725
CMYK	0.47, 0.18, 0.00, 0.17
HSL	203°, 53%, 63%
HSV	203°, 47%, 83%
XYZ	33.3835, 38.0350, 67.2100
YIQ	159.0930, -48.5540, -1.1140

# Conversions

## Conversions Part 2

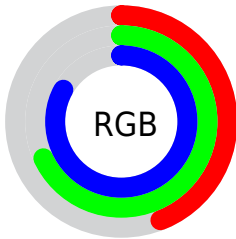
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	112, 150, 211
Decimal	7384531
CIE <sub>Lab</sub>	68.05, -9.49, -25.38
CIE <sub>LCh</sub>	68, 27.098, 249.497
Yxy	38.0350, 0.2408, 0.2744
Android (android.graphics.Color)	4285574611 (0xFF70ADD3)
YUV	159.0930, 25.5902, -41.3006
Hunter-Lab	61.6725, -11.3044, -21.4428

# Details

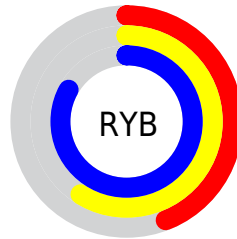
The Hex color **70ADD3** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D39670**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **A8E4FF**, and **37799C** is the 20% darker color. If you saturate the color by 10%, you get **5BA5D3**, and if you desaturate by 10%, it is **85B5D3**.

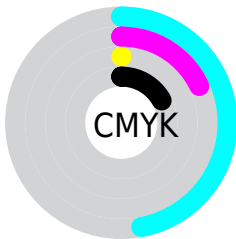
# Distribution



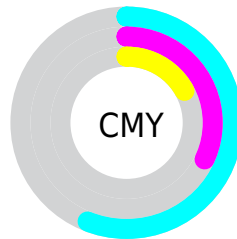
- Red (44%)
- Green (68%)
- Blue (83%)



- Red (44%)
- Yellow (59%)
- Blue (83%)



- Cyan (47%)
- Magenta (18%)
- Yellow (0%)
- Black (17%)



- Cyan (56%)
- Magenta (32%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 70ADD3 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 70ADD3 by changing the saturation by 10% instead.



 70ADD3

 70ADD3

FFFFFF

 5492B7

 A8E4FF

 37799C

 C5FFFF

 136082

 E2FFFF

 004869

 003251

 001D39

 000224

 00000C

 000000

■ 70ADD3

■ 70ADD3

■ 5BA5D3

■ 85B5D3

■ 469DD3

■ 9ABDD3

■ 3195D3

■ AFC5D3

■ 1C8DD3

■ C4CDD3

■ 0785D3

■ D9D5D3

■ 0082D3

■ EFDED3

■ FFE6D3

■ FFEED3

■ FFF6D3

# Harmonies

## Analogous

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



5CB2C4



70ADD3



92A5D6

# Triad

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



70ADD3



D7949F



94AE80

# Complementary

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



70ADD3



D39670

# 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.



B0A775



70ADD3



D49788

# Square

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



70ADD3



CC96B8



C69F79



78B294

# Rectangle

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



70ADD3



A9A0D0



C69F79



9EAC7B

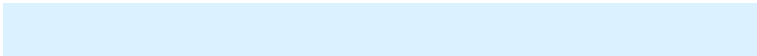


# Sweetspot

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



70ADD3



DBF1FF



70D396



6A7780



000000



808080

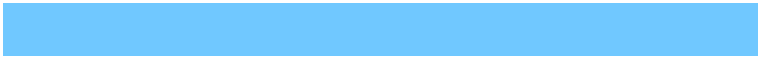


# Same Dimension

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



70ADD3



70C8FF



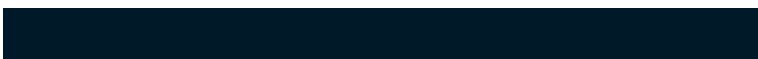
707CD3



5E6569



0068A8



001929



# Inverse Universe

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



D370AD



FF70C8



D3C770



695E65



A80068



290019



# Previews

## White Background



This preview shows how the Hex color 70ADD3 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 70ADD3 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 70ADD3 Background



This preview shows how black text looks on a background with the Hex color 70ADD3.

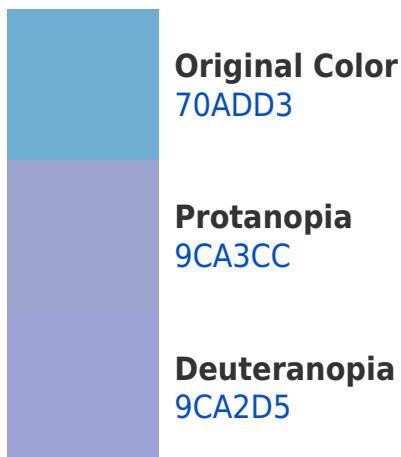


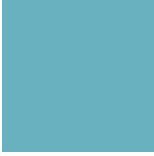
This preview shows how white text looks on a background with the Hex color 70ADD3.

# 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](#).

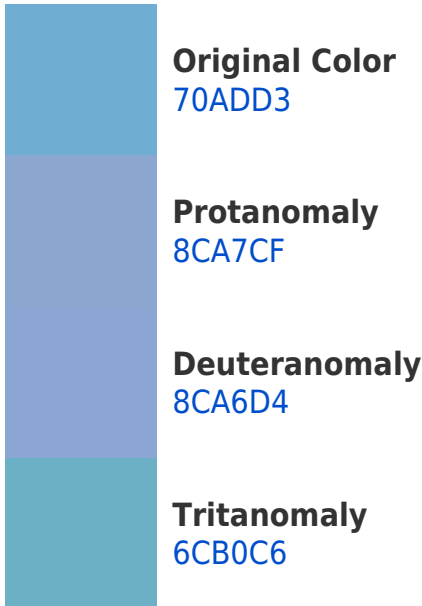
## Dichromacy



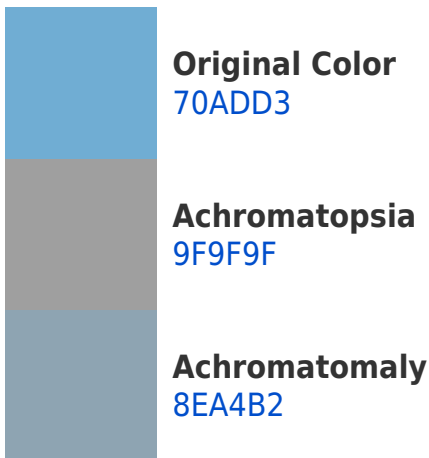


**Tritanopia**  
6AB1BF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 70ADD3 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 #70ADD3 looks like.

```
.text, #text, p{  
    color:#70ADD3  
}
```

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 #70ADD3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70ADD3
}
```

## Border

The CSS property to change the border of an element to Hex 70ADD3 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
#70ADD3 }
```

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

```
.border{ border-color:#70ADD3 }
```

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

Here you see how a box with a 4 pixel #70ADD3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70ADD3; -webkit-box-shadow:4px 4px  
4px 4px #70ADD3; box-shadow:4px 4px 4px  
4px #70ADD3 }
```

# Background

The CSS property to change the background color of an element to Hex 70ADD3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70ADD3 }
```

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

```
.background{ background-color:#70ADD3 }
```

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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