

Converting Colors

Hex(70B1D2)

Have a look what the booklet for
Hex(70B1D2) contains.

Hex(70B1D2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(70B1D2)

Conversions

Conversions Part 1

Format	Color
Hex	70B1D2
RGB	112, 177, 210
RGB Percent	44%, 69%, 82%
CMY	0.5608, 0.3059, 0.1765
CMYK	0.47, 0.16, 0.00, 0.18
HSL	200°, 52%, 63%
HSV	200°, 47%, 82%
XYZ	34.0371, 39.5422, 66.8112
YIQ	161.3270, -49.3330, -3.5170

Conversions

Conversions Part 2

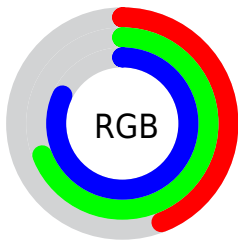
Format	Color
R _{YB}	112, 151, 210
Decimal	7385554
CIE _{Lab}	69.14, -11.93, -23.16
CIE _{LCh}	69, 26.046, 242.747
Y _{xy}	39.5422, 0.2424, 0.2817
Android (android.graphics.Color)	4285575634 (0xFF70B1D2)
YUV	161.3270, 23.9958, -43.2598
Hunter-Lab	62.8826, -13.4260, -18.9764

Details

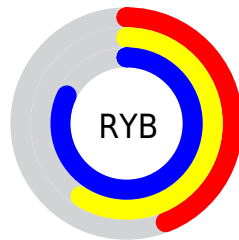
The Hex color **70B1D2** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **D29170**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **A8E9FF**, and **377C9B** is the 20% darker color. If you saturate the color by 10%, you get **5BAAD2**, and if you desaturate by 10%, it is **85B8D2**.

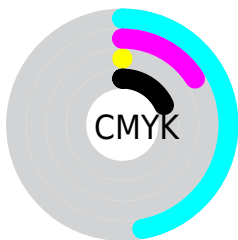
Distribution



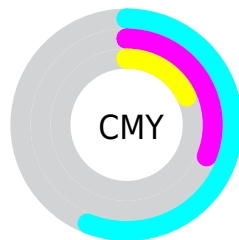
- Red (44%)
- Green (69%)
- Blue (82%)



- Red (44%)
- Yellow (59%)
- Blue (82%)



- Cyan (47%)
- Magenta (16%)
- Yellow (0%)
- Black (18%)



- Cyan (56%)
- Magenta (31%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70B1D2 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 70B1D2 by changing the saturation by 10% instead.

70B1D2

70B1D2

FFFFFF

5496B6

A8E9FF

377C9B

C5FFFF

126381

E2FFFF

004C68

003550

002039

000223

00000B

000000

■ 70B1D2

■ 70B1D2

■ 5BAAD2

■ 85B8D2

■ 46A3D2

■ 9ABFD2

■ 319CD2

■ AFC6D2

■ 1C95D2

■ C4CDD2

■ 078ED2

■ D9D4D2

■ 008BD2

■ EEDBD2

■ FFE3D2

■ FFEAD2

■ FFF1D2

Harmonies

Analogous

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



62B5C1



70B1D2



8EAAD7

Triad

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



70B1D2



D798A7



9EAF81

Complementary

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



70B1D2



D29170

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.



B8A87A



70B1D2



D79A90

Square

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



70B1D2



C99BBF



CCA080



83B492

Rectangle

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



70B1D2



A5A5D4



CCA080



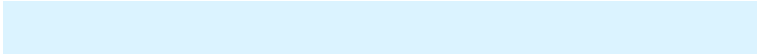
A7AD7D

Sweetspot

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



70B1D2



DBF3FF



70D291



6A7880



000000



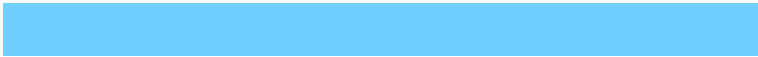
808080

Same Dimension

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



70B1D2



70CFFF



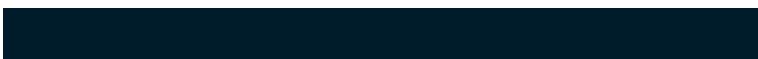
7080D2



5E6569



0070A8



001B29

Inverse Universe

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



D270B1



FF70CF



D2C270



695E65



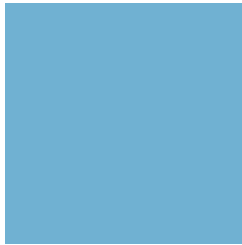
A80070



29001B

Previews

White Background



This preview shows how the Hex color 70B1D2 looks on a white background.

Color Contrast Check

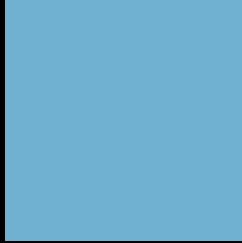
Large Text (above 18pt) WCAG AA × Fail

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 70B1D2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

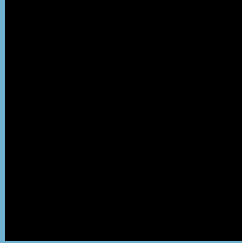
Any Text WCAG AA ✓ Pass

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 70B1D2 Background



This preview shows how black text looks on a background with the Hex color 70B1D2.

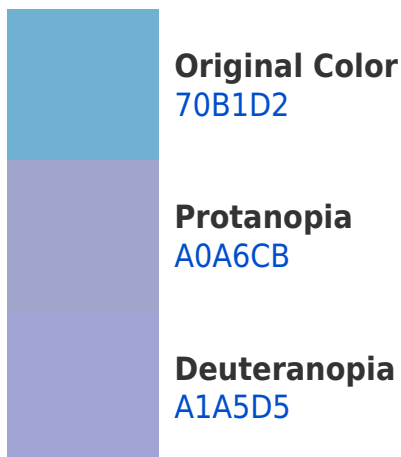


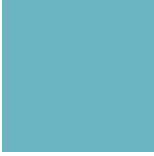
This preview shows how white text looks on a background with the Hex color 70B1D2.

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](#).

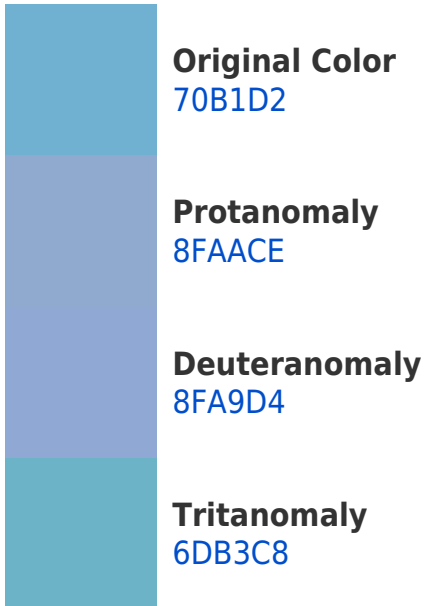
Dichromacy



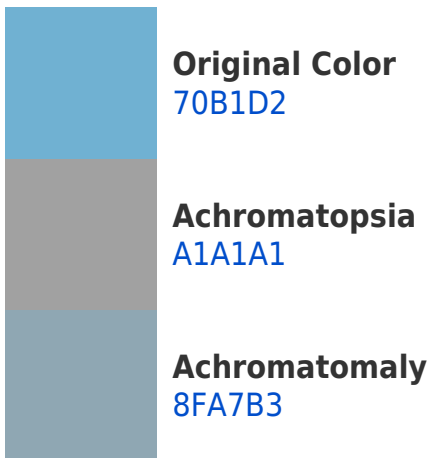


Tritanopia
6BB4C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 70B1D2 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 #70B1D2 looks like.

```
.text, #text, p{  
    color:#70B1D2  
}
```

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 #70B1D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70B1D2
}
```

Border

The CSS property to change the border of an element to Hex 70B1D2 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
#70B1D2 }
```

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

```
.border{ border-color:#70B1D2 }
```

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

Here you see how a box with a 4 pixel #70B1D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70B1D2; -webkit-box-shadow:4px 4px  
4px 4px #70B1D2; box-shadow:4px 4px 4px  
4px #70B1D2 }
```

Background

The CSS property to change the background color of an element to Hex 70B1D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70B1D2 }
```

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

```
.background{ background-color:#70B1D2 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor