

Converting Colors

Hex(70B1C2)

Have a look what the booklet for
Hex(70B1C2) contains.

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Color

Hex(70B1C2)

Conversions

Conversions Part 1

Format	Color
Hex	70B1C2
RGB	112, 177, 194
RGB Percent	44%, 69%, 76%
CMY	0.5608, 0.3059, 0.2392
CMYK	0.42, 0.09, 0.00, 0.24
HSL	192°, 40%, 60%
HSV	192°, 42%, 76%
XYZ	32.1418, 38.7841, 56.8310
YIQ	159.5030, -44.1970, -8.4930

Conversions

Conversions Part 2

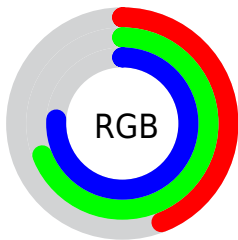
Format	Color
R _Y B	112, 148, 194
Decimal	7385538
CIE Lab	68.59, -16.28, -15.18
CIE LCh	69, 22.259, 222.986
Yxy	38.7841, 0.2516, 0.3036
Android (android.graphics.Color)	4285575618 (0xFF70B1C2)
YUV	159.5030, 17.0070, -41.6601
Hunter-Lab	62.2769, -16.8585, -10.5115

Details

The Hex color **70B1C2** is a light color, and the websafe version is hex **669999**. A complement of this color would be **C28170**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **A7E9FB**, and **397C8C** is the 20% darker color. If you saturate the color by 10%, you get **5DADC2**, and if you desaturate by 10%, it is **83B5C2**.

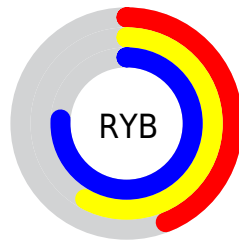
Distribution



Red (44%)

Green (69%)

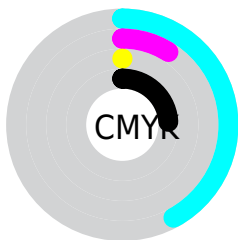
Blue (76%)



Red (44%)

Yellow (58%)

Blue (76%)

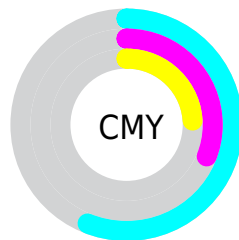


Cyan (42%)

Magenta (9%)

Yellow (0%)

Black (24%)



Cyan (56%)

Magenta (31%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70B1C2 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 70B1C2 by changing the saturation by 10% instead.

 70B1C2

 70B1C2

FFFFFF

 5596A7

 A7E9FB

 397C8C

 C4FFFF

 1A6373

 E1FFFF

 004B5A

FEFFFF

 003443

 001F2D

 000118

 000000

 70B1C2

 70B1C2

■ 5DADC2

■ 83B5C2

■ 49A9C2

■ 97B9C2

■ 36A5C2

■ AABDC2

■ 22A1C2

■ BEC1C2

■ 0F9DC2

■ D1C5C2

■ 009AC2

■ E4C9C2

■ F8CDC2

■ FFD1C2

■ FFD5C2

Harmonies

Analogous

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



71B3B0



70B1C2



81ADCD

Triad

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



70B1C2



C89AB4



ADA980

Complementary

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



70B1C2



C28170

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.



C1A281



70B1C2



D1999F

Square

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



70B1C2



B59FC5



CE9C8D



97AE89

Rectangle

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



70B1C2



92A8CF



CE9C8D



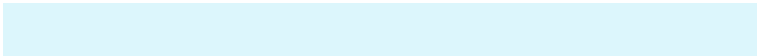
B4A77F

Sweetspot

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



70B1C2



DCF6FC



70C280



6B7B80



000000



808080

Same Dimension

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



70B1C2



7CE2FC



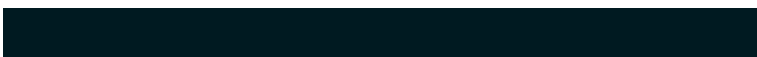
7089C2



575F61



007FA1



001A21

Inverse Universe

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



C270B1



FC7CE2



C2A970



61575F



A1007F



21001A

Previews

White Background



This preview shows how the Hex color 70B1C2 looks on a white background.

Color Contrast Check

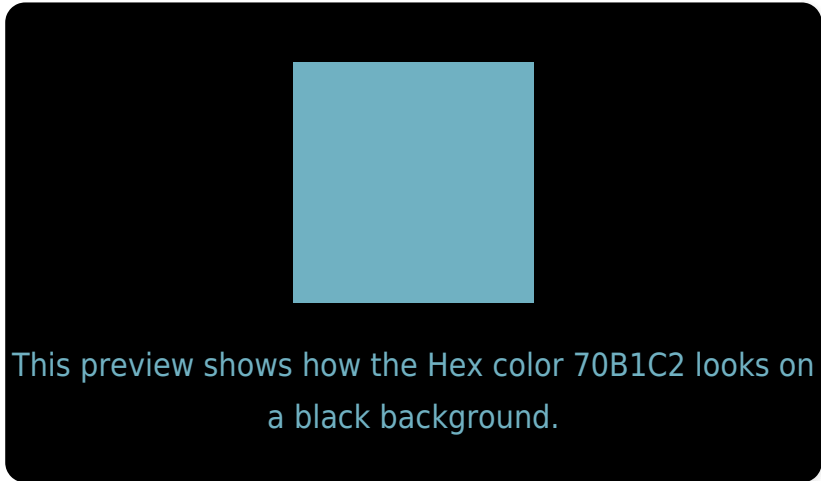
Large Text (above 18pt) WCAG AA × Fail

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

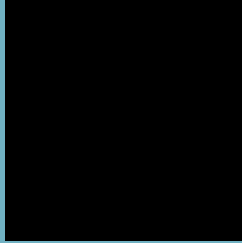
Any Text WCAG AA ✓ Pass

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 70B1C2 Background



This preview shows how black text looks on a background with the Hex color 70B1C2.

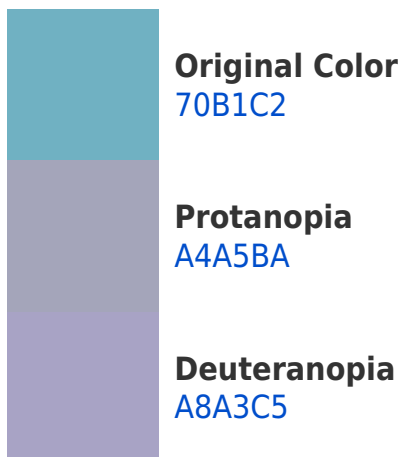


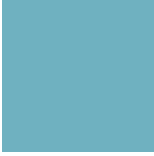
This preview shows how white text looks on a background with the Hex color 70B1C2.

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](#).

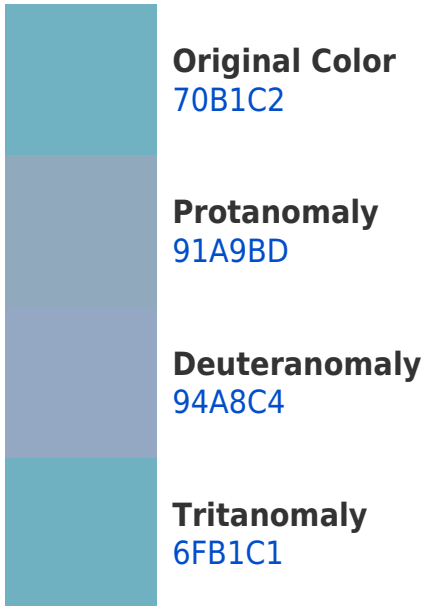
Dichromacy



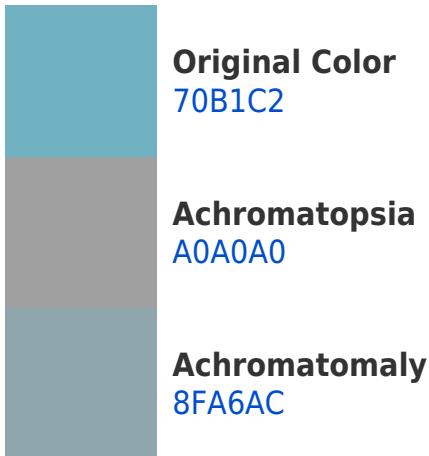


Tritanopia
6FB1C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 70B1C2 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 #70B1C2 looks like.

```
.text, #text, p{  
    color:#70B1C2  
}
```

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 #70B1C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70B1C2
}
```

Border

The CSS property to change the border of an element to Hex 70B1C2 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
#70B1C2 }
```

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

```
.border{ border-color:#70B1C2 }
```

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

Here you see how a box with a 4 pixel #70B1C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70B1C2; -webkit-box-shadow:4px 4px  
4px 4px #70B1C2; box-shadow:4px 4px 4px  
4px #70B1C2 }
```

Background

The CSS property to change the background color of an element to Hex 70B1C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70B1C2 }
```

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

```
.background{ background-color:#70B1C2 }
```

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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