

Converting Colors

Hex(70B1B0)

Have a look what the booklet for
Hex(70B1B0) contains.

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Color

Hex(70B1B0)

Conversions

Conversions Part 1

Format	Color
Hex	70B1B0
RGB	112, 177, 176
RGB Percent	44%, 69%, 69%
CMY	0.5608, 0.3059, 0.3098
CMYK	0.37, 0.00, 0.01, 0.31
HSL	179°, 29%, 57%
HSV	179°, 37%, 69%
XYZ	30.2407, 38.0236, 46.8197
YIQ	157.4510, -38.4190, -14.0910

Conversions

Conversions Part 2

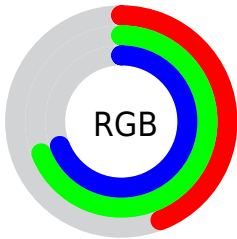
Format	Color
RYB	112, 145, 177
Decimal	7385520
CIELab	68.04, -20.89, -6.06
CIElCh	68, 21.754, 196.185
Yxy	38.0236, 0.2628, 0.3304
Android (android.graphics.Color)	4285575600 (0xFF70B1B0)
YUV	157.4510, 9.1447, -39.8605
Hunter-Lab	61.6633, -20.3714, -1.8534

Details

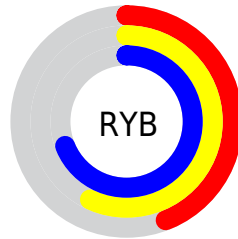
The Hex color **70B1B0** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B17071**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **A7E9E8**, and **3B7C7C** is the 20% darker color. If you saturate the color by 10%, you get **5EB1B0**, and if you desaturate by 10%, it is **82B1B0**.

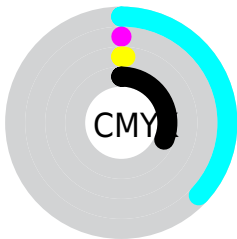
Distribution



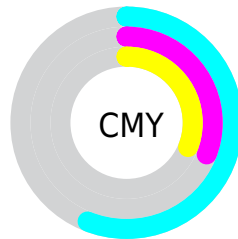
- Red (44%)
- Green (69%)
- Blue (69%)



- Red (44%)
- Yellow (57%)
- Blue (69%)



- Cyan (37%)
- Magenta (0%)
- Yellow (1%)
- Black (31%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 70B1B0 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 70B1B0 by changing the saturation by 10% instead.

 70B1B0

 70B1B0

FFFFFF

 559695

 A7E9E8

 3B7C7C

 C3FFFF

 1E6363

 DFFFFF

 004B4B

FDFFFF

 003434

 001F1F

 000007

 000000

 70B1B0

 70B1B0

 5EB1B0

 82B1B0

 4DB1AF

 93B1B1

 3BB1AF

 A5B1B1

 29B1AF

 B7B1B1

 17B1AF

 C9B1B1

 06B1AE

 DAB1B2

 00B1AE

 ECB1B2

 FEB1B2

 FFB1B2

Harmonies

Analogous

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



7EB09C



70B1B0



71AFC1

Triad

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



70B1B0



B69DC1



BDA180

Complementary

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



70B1B0



B17071

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.



CA9B8A



70B1B0



C799B0

Square

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



70B1B0



9DA4CB



CE989C



AAA880

Rectangle

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



70B1B0



7BACC9



CE989C



C29F82

Sweetspot

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



70B1B0



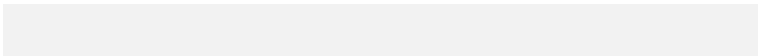
CCE6E5



71B170



647373



F2F2F2



737373

Same Dimension

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



70B1B0



81E6E4



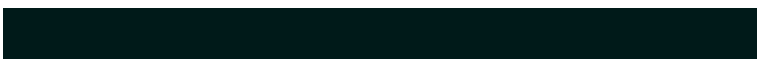
7092B1



505959



009997



001A19

Inverse Universe

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



B17071



E68182



B18F70



595050



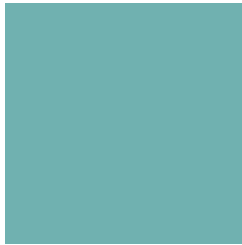
990002



1A0000

Previews

White Background



This preview shows how the Hex color 70B1B0 looks on a white background.

Color Contrast Check

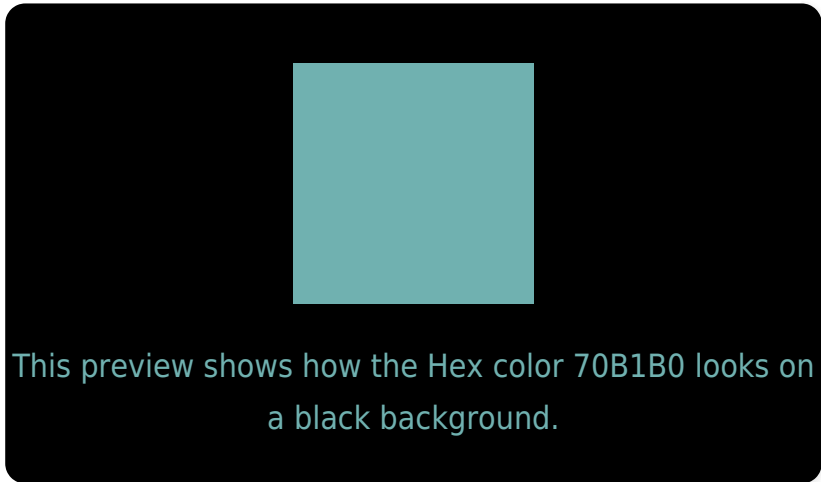
Large Text (above 18pt) WCAG AA × Fail

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

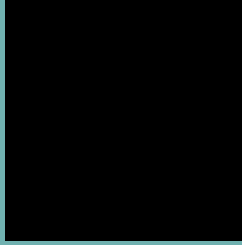
Any Text WCAG AA ✓ Pass

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 70B1B0 Background



This preview shows how black text looks on a background with the Hex color 70B1B0.

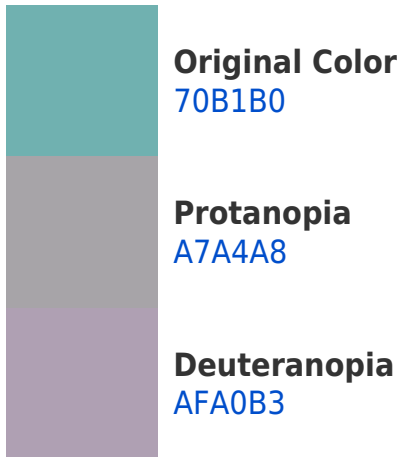


This preview shows how white text looks on a background with the Hex color 70B1B0.

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](#).

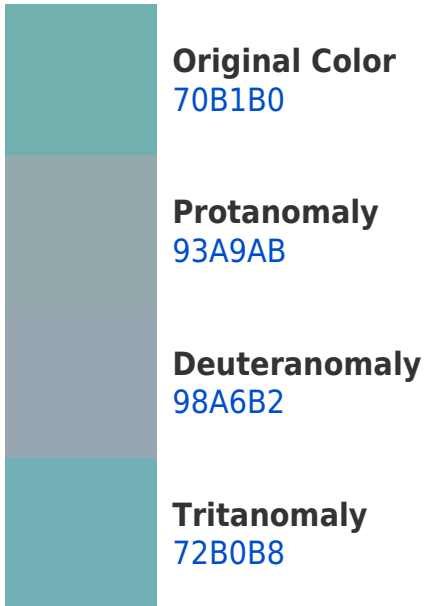
Dichromacy



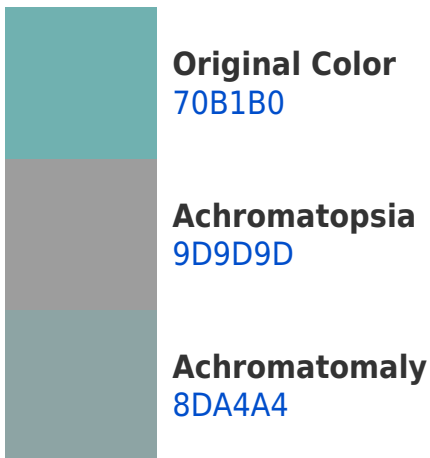


Tritanopia
73AFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 70B1B0 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 #70B1B0 looks like.

```
.text, #text, p{  
    color:#70B1B0  
}
```

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 #70B1B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70B1B0
}
```

Border

The CSS property to change the border of an element to Hex 70B1B0 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
#70B1B0 }
```

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

```
.border{ border-color:#70B1B0 }
```

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

Here you see how a box with a 4 pixel #70B1B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70B1B0; -webkit-box-shadow:4px 4px  
4px 4px #70B1B0; box-shadow:4px 4px 4px  
4px #70B1B0 }
```

Background

The CSS property to change the background color of an element to Hex 70B1B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70B1B0 }
```

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

```
.background{ background-color:#70B1B0 }
```

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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