

Converting Colors

Hex(71B0B3)

Have a look what the booklet for
Hex(71B0B3) contains.

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Color

Hex(71B0B3)

Conversions

Conversions Part 1

Format	Color
Hex	71B0B3
RGB	113, 176, 179
RGB Percent	44%, 69%, 70%
CMY	0.5569, 0.3098, 0.2980
CMYK	0.37, 0.02, 0.00, 0.30
HSL	183°, 30%, 57%
HSV	183°, 37%, 70%
XYZ	30.4721, 37.8161, 48.3410
YIQ	157.5050, -38.5110, -12.4230

Conversions

Conversions Part 2

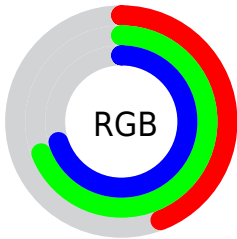
Format	Color
RYB	113, 145, 179
Decimal	7450803
CIELab	67.88, -19.36, -7.95
CIELCh	68, 20.930, 202.310
Yxy	37.8161, 0.2613, 0.3242
Android (android.graphics.Color)	4285640883 (0xFF71B0B3)
YUV	157.5050, 10.5970, -39.0309
Hunter-Lab	61.4948, -19.1650, -3.5615

Details

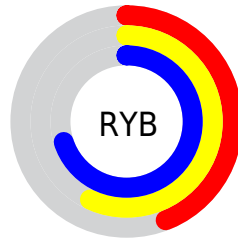
The Hex color **71B0B3** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B37471**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **A8E8EB**, and **3C7B7E** is the 20% darker color. If you saturate the color by 10%, you get **5FAFB3**, and if you desaturate by 10%, it is **83B1B3**.

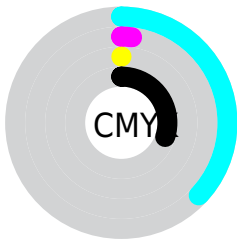
Distribution



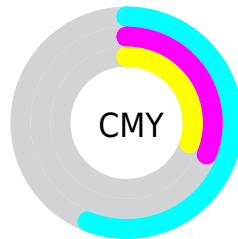
- Red (44%)
- Green (69%)
- Blue (70%)



- Red (44%)
- Yellow (57%)
- Blue (70%)



- Cyan (37%)
- Magenta (2%)
- Yellow (0%)
- Black (30%)




- Cyan (56%)
- Magenta (31%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71B0B3 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 71B0B3 by changing the saturation by 10% instead.

 71B0B3

 71B0B3

FFFFFF

 569598

 A8E8EB

 3C7B7E

 C4FFFF

 206265

 E0FFFF

 004A4D


FEFFFF


 003337

 001F21

 00000A

 000000

 71B0B3

 71B0B3

5FAFB3

83B1B3

4DAEB3

95B2B3

3BAEB3

A7B2B3

29ADB3

B9B3B3

17ACB3

CBB4B3

06ABB3

DCB5B3

00ABB3

EEB6B3

FFB7B3

Harmonies

Analogous

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



7CB0A0



71B0B3



76ADC3

Triad

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



71B0B3



B99CBD



B8A280

Complementary

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



71B0B3



B37471

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.



C79C88



71B0B3



C898AB

Square

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



71B0B3



A2A2C8



CD9998



A5A982

Rectangle

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



71B0B3



81AAC9



CD9998



BEA082

Sweetspot

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



71B0B3



CFE7E8



71B373



667575



F5F5F5



757575

Same Dimension

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



71B0B3



82E3E8



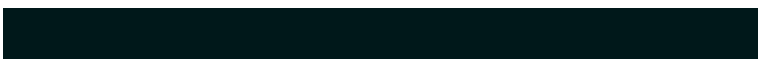
7190B3



505959



009299



00181A

Inverse Universe

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



B371B0



E882E3



B39471



595059



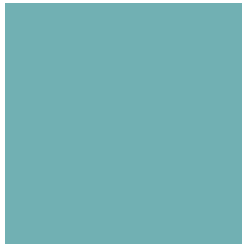
990092



1A0018

Previews

White Background



This preview shows how the Hex color 71B0B3 looks on a white background.

Color Contrast Check

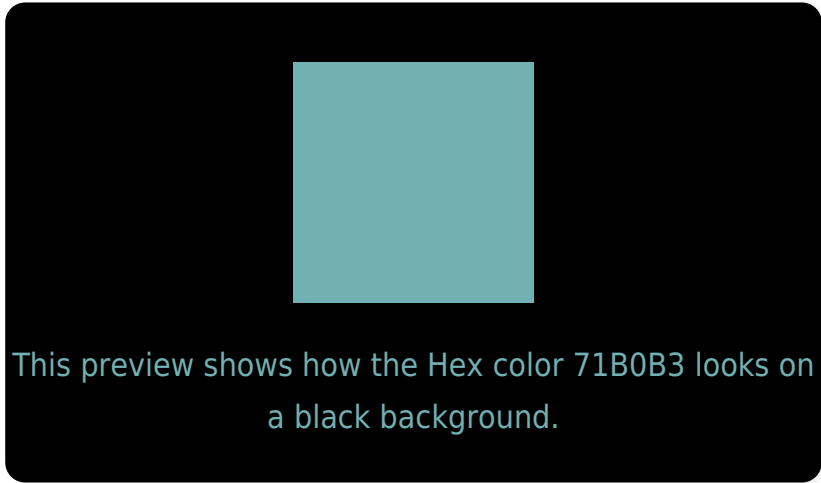
Large Text (above 18pt) WCAG AA × Fail

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

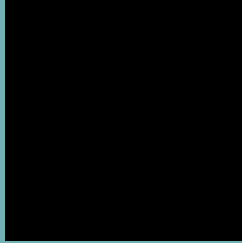
Any Text WCAG AA ✓ Pass

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 71B0B3 Background



This preview shows how black text looks on a background with the Hex color 71B0B3.

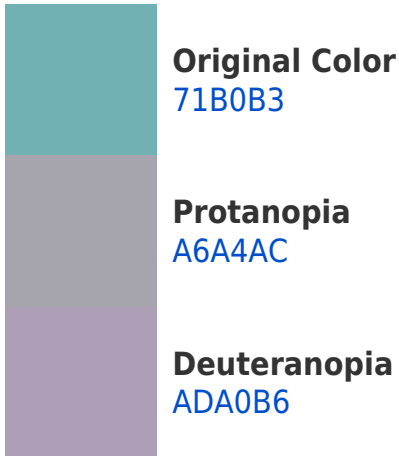


This preview shows how white text looks on a background with the Hex color 71B0B3.

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](#).

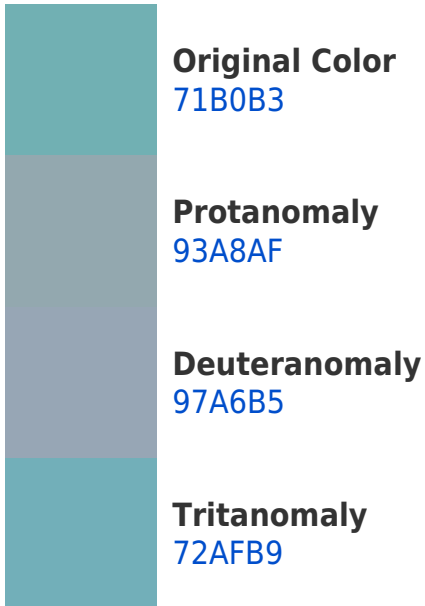
Dichromacy





Tritanopia
73AFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 71B0B3 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 #71B0B3 looks like.

```
.text, #text, p{  
    color:#71B0B3  
}
```

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 #71B0B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71B0B3  
}
```

Border

The CSS property to change the border of an element to Hex 71B0B3 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  
#71B0B3 }
```

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

```
.border{ border-color:#71B0B3 }
```

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

Here you see how a box with a 4 pixel #71B0B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71B0B3; -webkit-box-shadow:4px 4px  
4px 4px #71B0B3; box-shadow:4px 4px 4px  
4px #71B0B3 }
```

Background

The CSS property to change the background color of an element to Hex 71B0B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71B0B3 }
```

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

```
.background{ background-color:#71B0B3 }
```

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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