

Converting Colors

Hex(71B4AC)

Have a look what the booklet for
Hex(71B4AC) contains.

Hex(71B4AC)	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(71B4AC)

Conversions

Conversions Part 1

Format	Color
Hex	71B4AC
RGB	113, 180, 172
RGB Percent	44%, 71%, 67%
CMY	0.5569, 0.2941, 0.3255
CMYK	0.37, 0.00, 0.04, 0.29
HSL	173°, 31%, 57%
HSV	173°, 37%, 71%
XYZ	30.5777, 39.1318, 44.9713
YIQ	159.0550, -37.3640, -16.6920

Conversions

Conversions Part 2

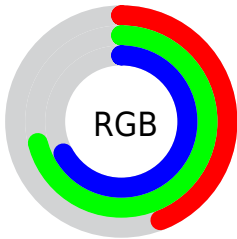
Format	Color
RYB	113, 149, 180
Decimal	7451820
CIELab	68.85, -23.11, -2.66
CIElCh	69, 23.267, 186.556
Yxy	39.1318, 0.2666, 0.3412
Android (android.graphics.Color)	4285641900 (0xFF71B4AC)
YUV	159.0550, 6.3819, -40.3902
Hunter-Lab	62.5554, -22.2194, 1.1650

Details

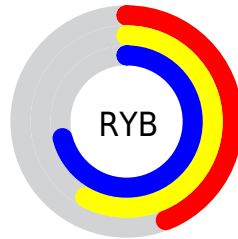
The Hex color **71B4AC** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B47179**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **A8ECE3**, and **3C7F78** is the 20% darker color. If you saturate the color by 10%, you get **5FB4AA**, and if you desaturate by 10%, it is **83B4AE**.

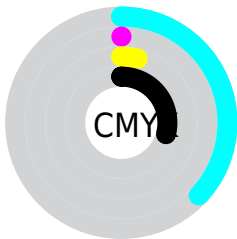
Distribution



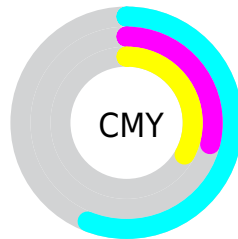
- Red (44%)
- Green (71%)
- Blue (67%)



- Red (44%)
- Yellow (58%)
- Blue (71%)



- Cyan (37%)
- Magenta (0%)
- Yellow (4%)
- Black (29%)



- Cyan (56%)
- Magenta (29%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71B4AC 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 71B4AC by changing the saturation by 10% instead.

 71B4AC

 71B4AC

FFFFFF

 569991

 A8ECE3

 3C7F78

 C4FFFF

 20665F

 E0FFFF

 004D47

FEFFFF

 003631

 00211C

 000002

 000000

 71B4AC

 71B4AC

 5FB4AA

 83B4AE

 4DB4A8

 95B4B0

 3BB4A6

 A7B4B2

 29B4A3

 B9B4B5

 17B4A1

 CBB4B7

 05B49F

 DDB4B9

 00B49F

 EFB4BB

 FFB4BD

 FFB4BF

Harmonies

Analogous

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



84B297



71B4AC



6CB3C0

Triad

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



71B4AC



B1A1CA



C6A182

Complementary

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



71B4AC



B47179

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.



D19B90



71B4AC



C79BB9

Square

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



71B4AC



95A8D1



D299A4



B3A87E

Rectangle

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



71B4AC



73B0CA



D299A4



CB9F86

Sweetspot

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



71B4AC



D1EBE8



7AB471



667573



F5F5F5



757575

Same Dimension

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



71B4AC



81EBDE



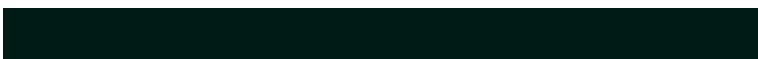
719BB4



505958



009987



001A16

Inverse Universe

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



B47179



EB818E



B48A71



595051



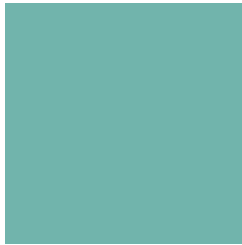
990012



1A0003

Previews

White Background



This preview shows how the Hex color 71B4AC looks on a white background.

Color Contrast Check

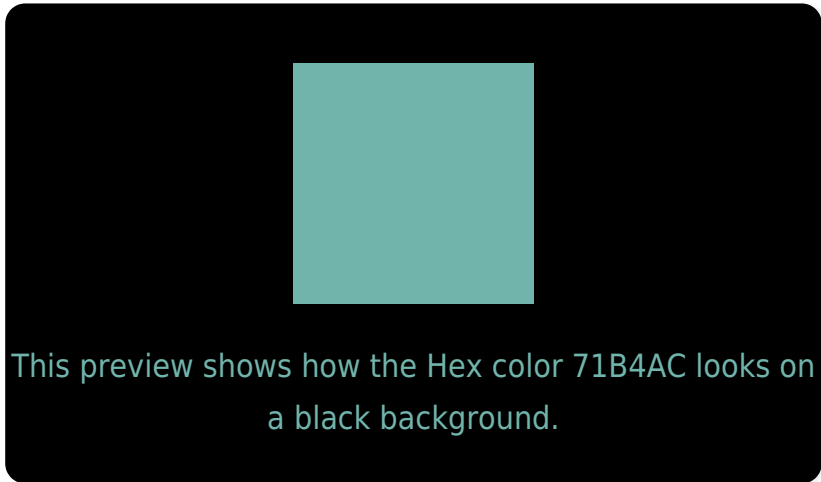
Large Text (above 18pt) WCAG AA × Fail

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

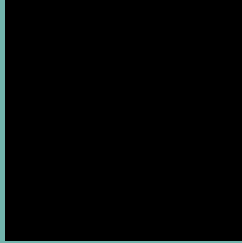
Any Text WCAG AA ✓ Pass

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 71B4AC Background



This preview shows how black text looks on a background with the Hex color 71B4AC.

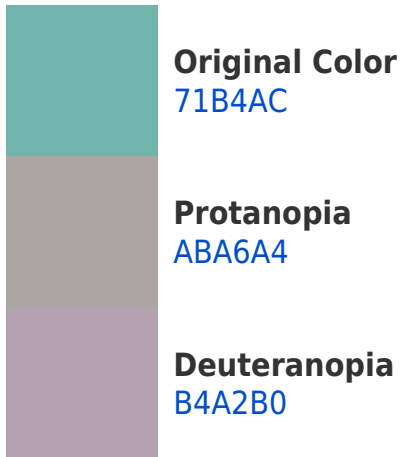


This preview shows how white text looks on a background with the Hex color 71B4AC.

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
76B1BF

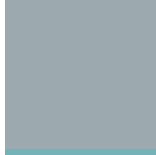
Trichromacy



Original Color
71B4AC



Protanomaly
96ABA7



Deuteranomaly
9CA9AF



Tritanomaly
74B2B8

Monochromacy



Original Color
71B4AC



Achromatopsia
9F9F9F



Achromatomaly
8EA7A4

CSS Examples

Text

The CSS property to change the color of the text to Hex 71B4AC 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 #71B4AC looks like.

```
.text, #text, p{  
    color:#71B4AC  
}
```

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 #71B4AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71B4AC }  
}
```

Border

The CSS property to change the border of an element to Hex 71B4AC 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 #71B4AC }  
}
```

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

```
.border{ border-color:#71B4AC }
```

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

Here you see how a box with a 4 pixel #71B4AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71B4AC; -webkit-box-shadow:4px 4px  
4px 4px #71B4AC; box-shadow:4px 4px 4px  
4px #71B4AC }
```

Background

The CSS property to change the background color of an element to Hex 71B4AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71B4AC }
```

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

```
.background{ background-color:#71B4AC }
```

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