

Converting Colors

Hex(7BC1AE)

Have a look what the booklet for
Hex(7BC1AE) contains.

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Color

Hex(7BC1AE)

Conversions

Conversions Part 1

Format	Color
Hex	7BC1AE
RGB	123, 193, 174
RGB Percent	48%, 76%, 68%
CMY	0.5176, 0.2431, 0.3176
CMYK	0.36, 0.00, 0.10, 0.24
HSL	164°, 36%, 62%
HSV	164°, 36%, 76%
XYZ	34.8783, 45.4069, 46.9705
YIQ	169.9040, -35.6210, -20.7490

Conversions

Conversions Part 2

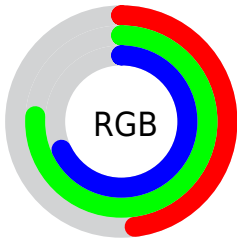
Format	Color
RYB	123, 163, 193
Decimal	8110510
CIELab	73.16, -26.34, 2.60
CIElCh	73, 26.468, 174.355
Yxy	45.4069, 0.2741, 0.3568
Android (android.graphics.Color)	4286300590 (0xFF7BC1AE)
YUV	169.9040, 2.0193, -41.1348
Hunter-Lab	67.3846, -25.5314, 5.8411

Details

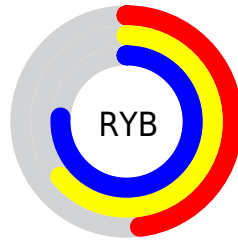
The Hex color **7BC1AE** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C17B8E**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **B2FAE5**, and **468B7A** is the 20% darker color. If you saturate the color by 10%, you get **68C1A9**, and if you desaturate by 10%, it is **8EC1B3**.

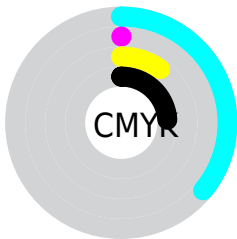
Distribution



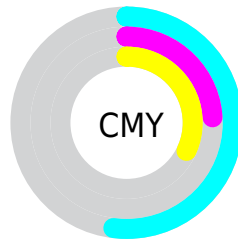
- Red (48%)
- Green (76%)
- Blue (68%)



- Red (48%)
- Yellow (64%)
- Blue (76%)



- Cyan (36%)
- Magenta (0%)
- Yellow (10%)
- Black (24%)



- Cyan (52%)
- Magenta (24%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BC1AE 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 7BC1AE by changing the saturation by 10% instead.

 7BC1AE

 7BC1AE

FFFFFF

 60A693

 B2FAE5

 468B7A

 CEFFFF

 2B7161

 EBFFFF

 095949

 004133

 002A1E

 001305

 000000

 7BC1AE

 7BC1AE

 68C1A9

 8EC1B3

 54C1A4

 A2C1B8

 41C19E

 B5C1BE

 2EC199

 C8C1C3

 1BC194

 DCC1C8

 07C18F

 EFC1CD

 00C18D

 FFC1D3

 FFC1D8

 FFC1DD

Harmonies

Analogous

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



95BE97



7BC1AE



6CC1C7

Triad

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



7BC1AE



B1AFE0



DCA98D

Complementary

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



7BC1AE



C17B8E

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.



E5A3A1



7BC1AE



CEA7D0

Square

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



7BC1AE



8FB7E3



E0A2B9



CAB084

Rectangle

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



7BC1AE



6EBFD5



E0A2B9



E1A693

Sweetspot

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



7BC1AE



DEFAF2



8FC17B



6D7D79



FCFCFC



7D7D7D

Same Dimension

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



7BC1AE



8CFADC



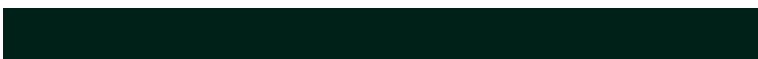
7BB2C1



57615E



00A175



002118

Inverse Universe

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



C17B8E



FA8CAA



C18A7B



61575A



A1002C



210009

Previews

White Background



This preview shows how the Hex color 7BC1AE looks on a white background.

Color Contrast Check

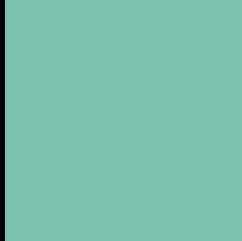
Large Text (above 18pt) WCAG AA × Fail

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 7BC1AE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

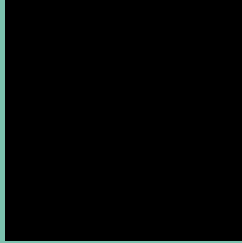
Any Text WCAG AA ✓ Pass

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 7BC1AE Background



This preview shows how black text looks on a background with the Hex color 7BC1AE.



This preview shows how white text looks on a background with the Hex color 7BC1AE.

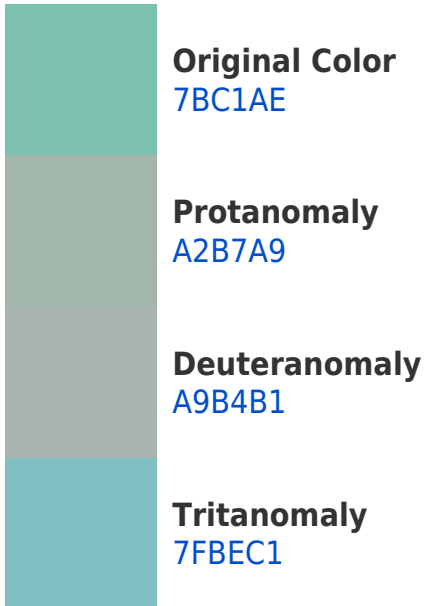
Color Blindness Simulation

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](#).

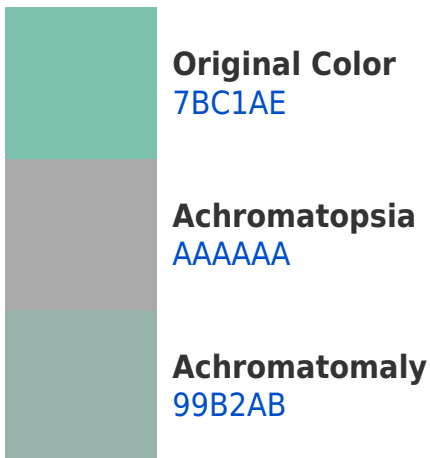
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7BC1AE 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 #7BC1AE looks like.

```
.text, #text, p{  
    color:#7BC1AE  
}
```

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 #7BC1AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BC1AE
}
```

Border

The CSS property to change the border of an element to Hex 7BC1AE 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
#7BC1AE }
```

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

```
.border{ border-color:#7BC1AE }
```

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

Here you see how a box with a 4 pixel #7BC1AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BC1AE; -webkit-box-shadow:4px 4px  
4px 4px #7BC1AE; box-shadow:4px 4px 4px  
4px #7BC1AE }
```

Background

The CSS property to change the background color of an element to Hex 7BC1AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BC1AE }
```

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

```
.background{ background-color:#7BC1AE }
```

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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