

Converting Colors

Hex(73B7B1)

Have a look what the booklet for
Hex(73B7B1) contains.

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Color

Hex(73B7B1)

Conversions

Conversions Part 1

Format	Color
Hex	73B7B1
RGB	115, 183, 177
RGB Percent	45%, 72%, 69%
CMY	0.5490, 0.2824, 0.3059
CMYK	0.37, 0.00, 0.03, 0.28
HSL	175°, 32%, 58%
HSV	175°, 37%, 72%
XYZ	31.9395, 40.6861, 47.7648
YIQ	161.9840, -38.6020, -16.2820

Conversions

Conversions Part 2

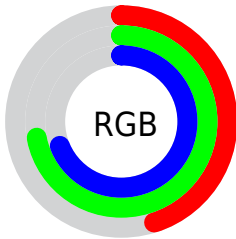
Format	Color
RYB	115, 151, 183
Decimal	7583665
CIELab	69.96, -22.88, -3.77
CIELCh	70, 23.189, 189.348
Yxy	40.6861, 0.2653, 0.3380
Android (android.graphics.Color)	4285773745 (0xFF73B7B1)
YUV	161.9840, 7.4029, -41.2050
Hunter-Lab	63.7857, -22.2443, 0.2517

Details

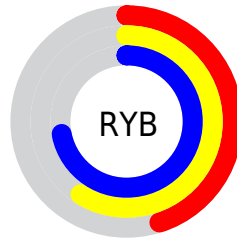
The Hex color **73B7B1** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **B77379**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **AAEFE9**, and **3E827D** is the 20% darker color. If you saturate the color by 10%, you get **61B7AF**, and if you desaturate by 10%, it is **85B7B3**.

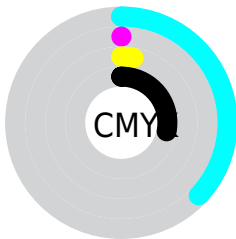
Distribution



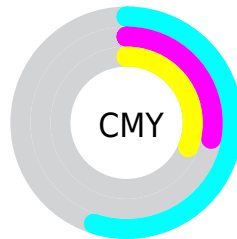
- Red (45%)
- Green (72%)
- Blue (69%)



- Red (45%)
- Yellow (59%)
- Blue (72%)



- Cyan (37%)
- Magenta (0%)
- Yellow (3%)
- Black (28%)



- Cyan (55%)
- Magenta (28%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 73B7B1 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 73B7B1 by changing the saturation by 10% instead.

 73B7B1

 73B7B1


FFFFFF

 589C96

 AAEFE9

 3E827D

 C6FFFF

 216864

 E3FFFF

 00504C

 003935

 002320

 000009

 000000

 73B7B1

 73B7B1

61B7AF

85B7B3

4EB7AE

98B7B4

3CB7AC

AAB7B6

2AB7AB

BCB7B7

18B7A9

CFB7B9

05B7A7

E1B7BB

00B7A7

F3B7BC

FFB7BE

FFB7C0

Harmonies

Analogous

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



85B69B



73B7B1



70B5C5

Triad

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



73B7B1



B7A3CC



C8A584

Complementary

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



73B7B1



B77379

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.



D49F91



73B7B1



CC9EBA

Square

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



73B7B1



9BABD4



D69CA5



B4AC81

Rectangle

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



73B7B1



78B3CE



D69CA5



CDA287

Sweetspot

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



73B7B1



D3EDEB



7AB773



687876



F7F7F7



787878

Same Dimension

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



73B7B1



82EDE4



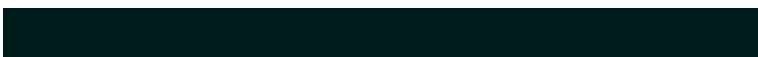
739CB7



535C5B



009C8E



001C1A

Inverse Universe

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



B77379



ED828C



B78E73



5C5353



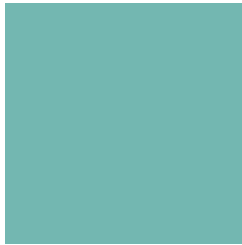
9C000E



1C0002

Previews

White Background



This preview shows how the Hex color 73B7B1 looks on a white background.

Color Contrast Check

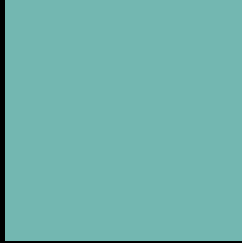
Large Text (above 18pt) WCAG AA × Fail

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 73B7B1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

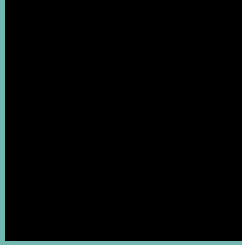
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

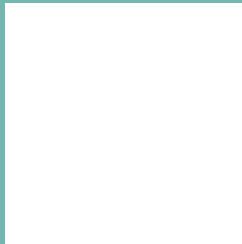
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 73B7B1 Background



This preview shows how black text looks on a background with the Hex color 73B7B1.

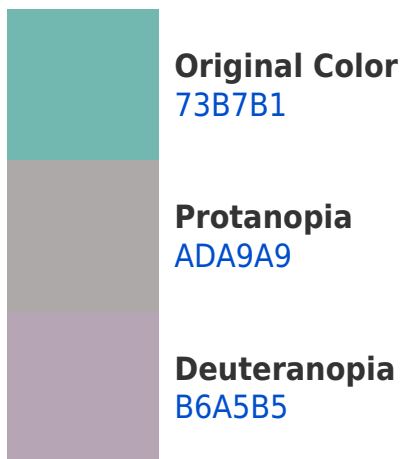


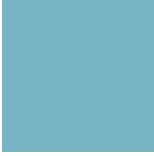
This preview shows how white text looks on a background with the Hex color 73B7B1.

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](#).

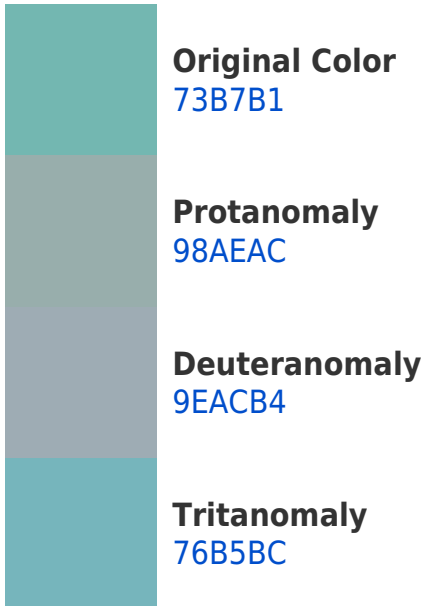
Dichromacy



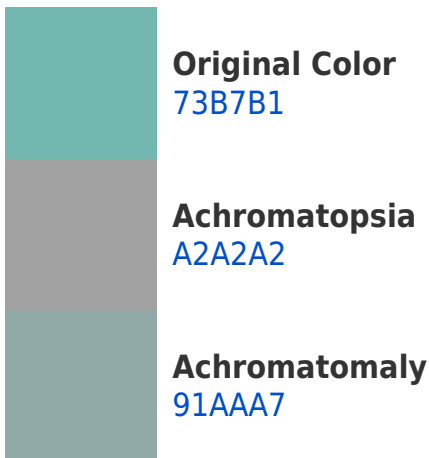


Tritanopia
78B4C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 73B7B1 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 #73B7B1 looks like.

```
.text, #text, p{  
    color:#73B7B1  
}
```

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 #73B7B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73B7B1
}
```

Border

The CSS property to change the border of an element to Hex 73B7B1 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
#73B7B1 }
```

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

```
.border{ border-color:#73B7B1 }
```

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

Here you see how a box with a 4 pixel #73B7B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73B7B1; -webkit-box-shadow:4px 4px  
4px 4px #73B7B1; box-shadow:4px 4px 4px  
4px #73B7B1 }
```

Background

The CSS property to change the background color of an element to Hex 73B7B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73B7B1 }
```

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

```
.background{ background-color:#73B7B1 }
```

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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