

Converting Colors

Hex(73C3B7)

Have a look what the booklet for
Hex(73C3B7) contains.

Hex(73C3B7)	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(73C3B7)

Conversions

Conversions Part 1

Format	Color
Hex	73C3B7
RGB	115, 195, 183
RGB Percent	45%, 76%, 72%
CMY	0.5490, 0.2353, 0.2824
CMYK	0.41, 0.00, 0.06, 0.24
HSL	171°, 40%, 61%
HSV	171°, 41%, 76%
XYZ	35.1326, 46.0939, 51.8451
YIQ	169.7120, -43.8280, -20.6920

Conversions

Conversions Part 2

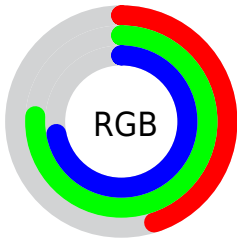
Format	Color
RYB	115, 158, 195
Decimal	7586743
CIELab	73.61, -27.40, -1.68
CIElCh	74, 27.452, 183.512
Yxy	46.0939, 0.2640, 0.3464
Android (android.graphics.Color)	4285776823 (0xFF73C3B7)
YUV	169.7120, 6.5510, -47.9824
Hunter-Lab	67.8925, -26.4429, 2.2489

Details

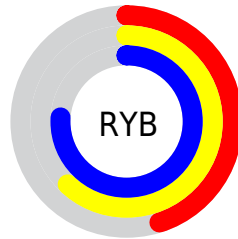
The Hex color **73C3B7** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C3737F**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **ABFCEF**, and **3C8D82** is the 20% darker color. If you saturate the color by 10%, you get **60C3B4**, and if you desaturate by 10%, it is **86C3BA**.

Distribution



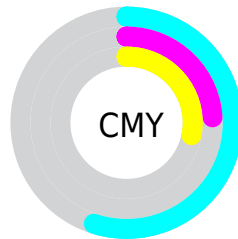
- Red (45%)
- Green (76%)
- Blue (72%)



- Red (45%)
- Yellow (62%)
- Blue (76%)



- Cyan (41%)
- Magenta (0%)
- Yellow (6%)
- Black (24%)



- Cyan (55%)
- Magenta (24%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 73C3B7 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 73C3B7 by changing the saturation by 10% instead.



73C3B7



73C3B7

FFFFFF



58A89C



ABFCEF



3C8D82



C7FFFF



1D7369



E4FFFF



005A51



00423A



002B25



001510



000000



73C3B7



73C3B7

 60C3B4

 86C3BA

 4CC3B1

 9AC3BD

 39C3AE

 AEC3C0

 25C3AB

 C1C3C3

 12C3A8

 D5C3C6

 00C3A6

 E8C3C9

 FCC3CB

 FFC3CE

 FFC3D1

Harmonies

Analogous

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



8CC19E



73C3B7



69C2D0

Triad

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



73C3B7



BDADDF



DAAC89

Complementary

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



73C3B7



C3737F

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.



E7A59A



73C3B7



D8A6CC

Square

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



73C3B7



9AB6E7



E6A2B3



C4B483

Rectangle

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



73C3B7



71BFDC



E6A2B3



DFA98D

Sweetspot

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



73C3B7



DEFCF8



7FC373



6E807D



000000



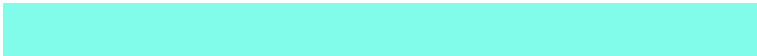
808080

Same Dimension

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



73C3B7



81FCEA



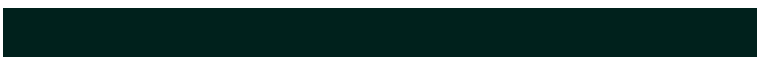
73A7C3



57615F



00A189



00211C

Inverse Universe

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



C3737F



FC8193



C38F73



615759



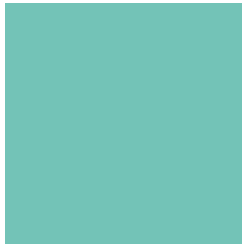
A10018



210005

Previews

White Background



This preview shows how the Hex color 73C3B7 looks on a white background.

Color Contrast Check

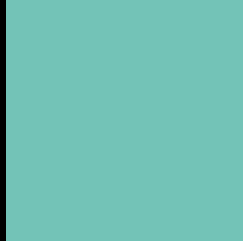
Large Text (above 18pt) WCAG AA × Fail

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 73C3B7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

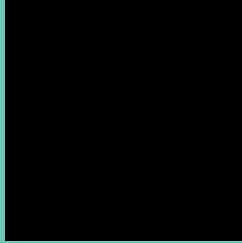
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

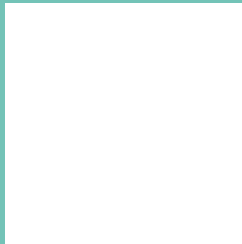
Any Text WCAG AAA ✓ Pass

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

Hex 73C3B7 Background



This preview shows how black text looks on a background with the Hex color 73C3B7.



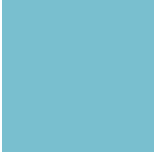
This preview shows how white text looks on a background with the Hex color 73C3B7.

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



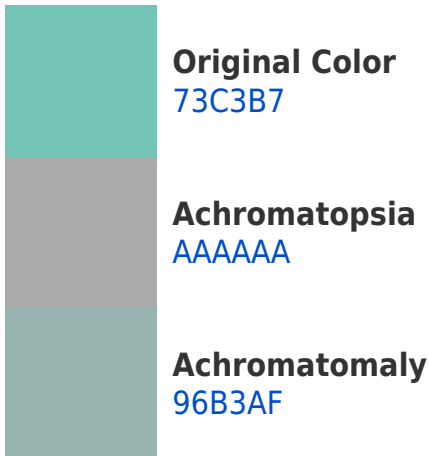


Tritanopia
79BFCF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 73C3B7 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 #73C3B7 looks like.

```
.text, #text, p{  
    color:#73C3B7  
}
```

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 #73C3B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73C3B7
}
```

Border

The CSS property to change the border of an element to Hex 73C3B7 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
#73C3B7 }
```

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

```
.border{ border-color:#73C3B7 }
```

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

Here you see how a box with a 4 pixel #73C3B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73C3B7; -webkit-box-shadow:4px 4px  
4px 4px #73C3B7; box-shadow:4px 4px 4px  
4px #73C3B7 }
```

Background

The CSS property to change the background color of an element to Hex 73C3B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73C3B7 }
```

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

```
.background{ background-color:#73C3B7 }
```

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