

Converting Colors

Hex(73C4C7)

Have a look what the booklet for
Hex(73C4C7) contains.

Hex(73C4C7)	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(73C4C7)

Conversions

Conversions Part 1

Format	Color
Hex	73C4C7
RGB	115, 196, 199
RGB Percent	45%, 77%, 78%
CMY	0.5490, 0.2314, 0.2196
CMYK	0.42, 0.02, 0.00, 0.22
HSL	182°, 43%, 62%
HSV	182°, 42%, 78%
XYZ	37.1190, 47.2482, 61.1963
YIQ	172.1230, -49.2390, -16.2390

Conversions

Conversions Part 2

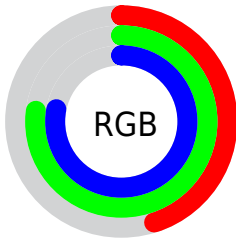
Format	Color
R _Y B	115, 156, 199
Decimal	7587015
CIE Lab	74.35, -23.96, -9.28
CIE LCh	74, 25.693, 201.169
Yxy	47.2482, 0.2550, 0.3246
Android (android.graphics.Color)	4285777095 (0xFF73C4C7)
YUV	172.1230, 13.2504, -50.0969
Hunter-Lab	68.7373, -23.8983, -4.6693

Details

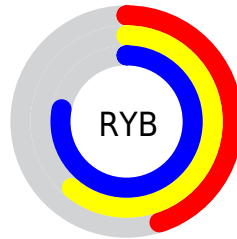
The Hex color **73C4C7** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C77673**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **ABFDFF**, and **3A8E91** is the 20% darker color. If you saturate the color by 10%, you get **5FC3C7**, and if you desaturate by 10%, it is **87C5C7**.

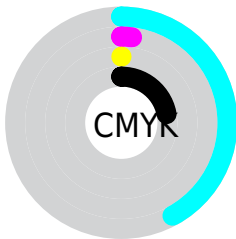
Distribution



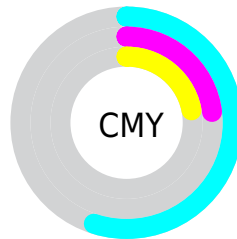
- Red (45%)
- Green (77%)
- Blue (78%)



- Red (45%)
- Yellow (61%)
- Blue (78%)



- Cyan (42%)
- Magenta (2%)
- Yellow (0%)
- Black (22%)



- Cyan (55%)
- Magenta (23%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 73C4C7 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 73C4C7 by changing the saturation by 10% instead.

 73C4C7

 73C4C7

FFFFFF

 57A9AC

 ABFDFE

 3A8E91

 C8FFFF

 187478

 E5FFFF

 005B5F

 004347

 002D31

 00191C

 000000

 73C4C7

 73C4C7

■ 5FC3C7

■ 87C5C7

■ 4BC3C7

■ 9BC5C7

■ 37C2C7

■ AFC6C7

■ 23C1C7

■ C3C7C7

■ 10C0C7

■ D7C8C7

■ 00C0C7

■ EAC8C7

■ FEC9C7

■ FFCAC7

Harmonies

Analogous

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



82C4AF



73C4C7



78C1DB

Triad

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



73C4C7



CEABD5



CFB389

Complementary

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



73C4C7



C77673

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.



E0AB93



73C4C7



E1A6BF

Square

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



73C4C7



B1B3E3



E7A6A7



B7BB8B

Rectangle

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



73C4C7



87BDE3



E7A6A7



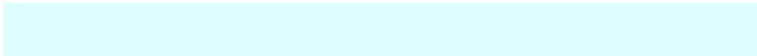
D6B08B

Sweetspot

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



73C4C7



DEFEFF



73C776



6B7F80



000000



808080

Same Dimension

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



73C4C7



7DFAFF



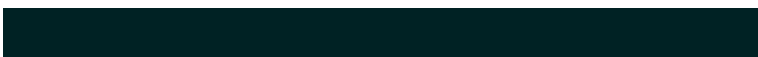
739AC7



5A6363



009DA3



002224

Inverse Universe

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



C773C4



FF7DFA



C7A073



635A63



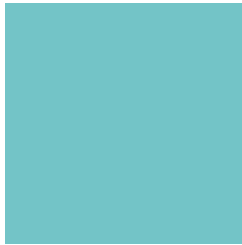
A3009D



240022

Previews

White Background



This preview shows how the Hex color 73C4C7 looks on a white background.

Color Contrast Check

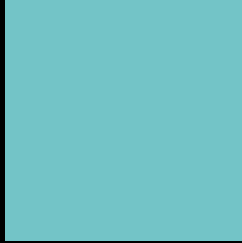
Large Text (above 18pt) WCAG AA × Fail

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 73C4C7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

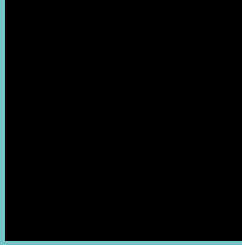
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

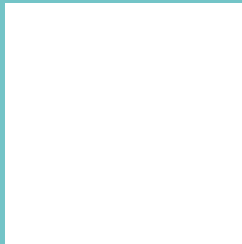
Any Text WCAG AAA ✓ Pass

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

Hex 73C4C7 Background



This preview shows how black text looks on a background with the Hex color 73C4C7.



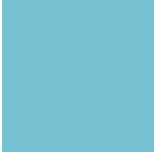
This preview shows how white text looks on a background with the Hex color 73C4C7.

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](#).

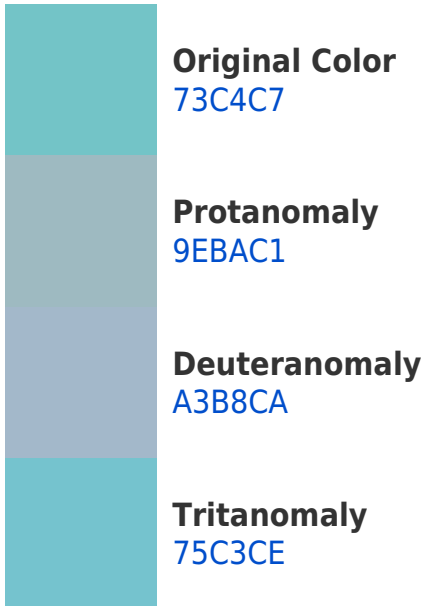
Dichromacy





Tritanopia
76C2D2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 73C4C7 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 #73C4C7 looks like.

```
.text, #text, p{  
    color:#73C4C7  
}
```

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 #73C4C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73C4C7
}
```

Border

The CSS property to change the border of an element to Hex 73C4C7 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
#73C4C7 }
```

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

```
.border{ border-color:#73C4C7 }
```

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

Here you see how a box with a 4 pixel #73C4C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73C4C7; -webkit-box-shadow:4px 4px  
4px 4px #73C4C7; box-shadow:4px 4px 4px  
4px #73C4C7 }
```

Background

The CSS property to change the background color of an element to Hex 73C4C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73C4C7 }
```

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

```
.background{ background-color:#73C4C7 }
```

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