

# Converting Colors

Hex(74B3C1)

Have a look what the booklet for  
Hex(74B3C1) contains.

<b>Hex(74B3C1)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(74B3C1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	74B3C1
RGB	116, 179, 193
RGB Percent	45%, 70%, 76%
CMY	0.5451, 0.2980, 0.2431
CMYK	0.40, 0.07, 0.00, 0.24
HSL	191°, 38%, 61%
HSV	191°, 40%, 76%
XYZ	32.9482, 39.8035, 56.3984
YIQ	161.7590, -42.0420, -9.0020

# Conversions

## Conversions Part 2

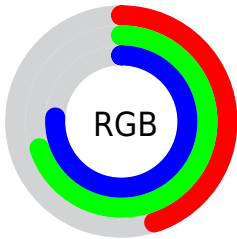
Format	Color
<a href="#">RYB</a>	<a href="#">116, 151, 193</a>
Decimal	<a href="#">7648193</a>
CIELab	<a href="#">69.33, -16.56, -13.50</a>
CIElCh	<a href="#">69, 21.366, 219.186</a>
Yxy	<a href="#">39.8035, 0.2551, 0.3082</a>
Android (android.graphics.Color)	<a href="#">4285838273</a> ( <a href="#">0xFF74B3C1</a> )
YUV	<a href="#">161.7590, 15.4018, -40.1306</a>
Hunter-Lab	<a href="#">63.0900, -17.1874, -8.8384</a>

# Details

The Hex color **74B3C1** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C18274**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **ABEBF9**, and **3E7E8B** is the 20% darker color. If you saturate the color by 10%, you get **61AFC1**, and if you desaturate by 10%, it is **87B7C1**.

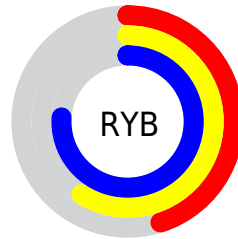
# Distribution



Red (45%)

Green (70%)

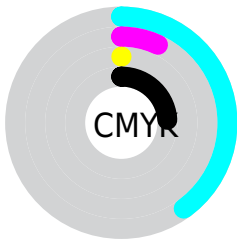
Blue (76%)



Red (45%)

Yellow (59%)

Blue (76%)

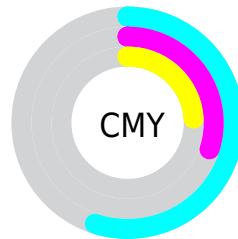


Cyan (40%)

Magenta (7%)

Yellow (0%)

Black (24%)



Cyan (55%)

Magenta (30%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 74B3C1 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 74B3C1 by changing the saturation by 10% instead.



 74B3C1

 74B3C1

FFFFFF

 5998A6

 ABEBF9

 3E7E8B

 C7FFFF

 216572

 E4FFFF

 004D59

 003642

 00212C

 000118

 000000

 74B3C1

 74B3C1

61AFC1

87B7C1

4DAC1

9BBAC1

3AA8C1

AEBEC1

27A5C1

C1C1C1

14A1C1

D4C5C1

009EC1

E8C8C1

FBCCC1

FFCFC1

FFD3C1

# Harmonies

## Analogous

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



77B4AF



74B3C1



82AFCD

# Triad

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



74B3C1



C79DB7



B2AA83

# Complementary

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



74B3C1



C18274

# 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.



C4A386



74B3C1



D19BA4

# Square

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



74B3C1



B4A2C7



CF9E92



9CB08B

# Rectangle

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



74B3C1



92ABD0



CF9E92



B8A883

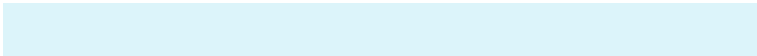


# Sweetspot

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



74B3C1



DCF4FA



74C181



6B7A7D



FCFCFC



7D7D7D



# Same Dimension

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



74B3C1



82E4FA



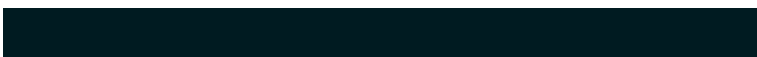
748EC1



575F61



0083A1



001B21



# Inverse Universe

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



C174B3



FA82E4



C1A774



61575F



A10083

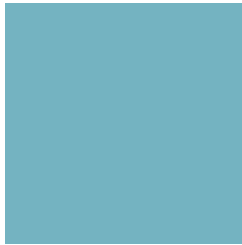


21001B



# Previews

## White Background



This preview shows how the Hex color 74B3C1 looks on a white background.

## Color Contrast Check

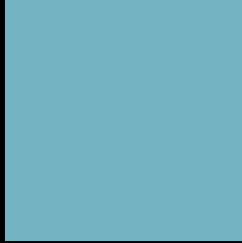
Large Text (above 18pt) WCAG AA × Fail

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 74B3C1 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 74B3C1 Background



This preview shows how black text looks on a background with the Hex color 74B3C1.

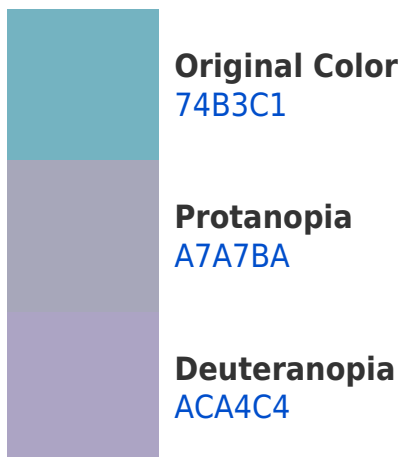


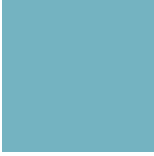
This preview shows how white text looks on a background with the Hex color 74B3C1.

# 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](#).

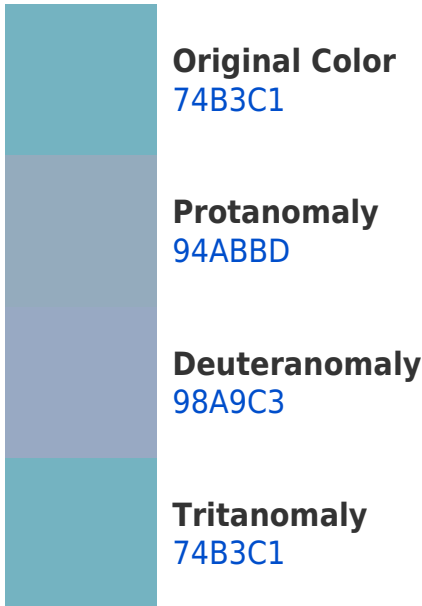
## Dichromacy



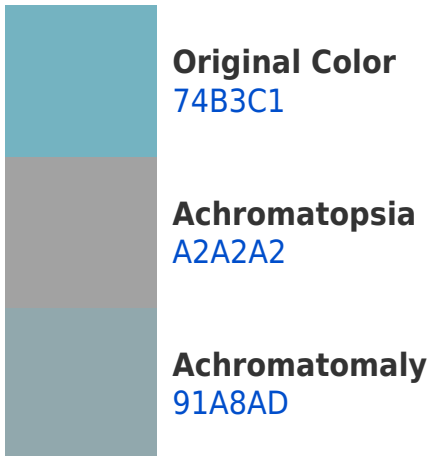


**Tritanopia**  
74B3C1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 74B3C1 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 #74B3C1 looks like.

```
.text, #text, p{  
    color:#74B3C1  
}
```

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 #74B3C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74B3C1
}
```

## Border

The CSS property to change the border of an element to Hex 74B3C1 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
#74B3C1 }
```

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

```
.border{ border-color:#74B3C1 }
```

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

Here you see how a box with a 4 pixel #74B3C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74B3C1; -webkit-box-shadow:4px 4px  
4px 4px #74B3C1; box-shadow:4px 4px 4px  
4px #74B3C1 }
```

# Background

The CSS property to change the background color of an element to Hex 74B3C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74B3C1 }
```

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

```
.background{ background-color:#74B3C1 }
```

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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