

# Converting Colors

Hex(74B4C4)

Have a look what the booklet for  
Hex(74B4C4) contains.

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# **Color**

**Hex(74B4C4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	74B4C4
RGB	116, 180, 196
RGB Percent	45%, 71%, 77%
CMY	0.5451, 0.2941, 0.2314
CMYK	0.41, 0.08, 0.00, 0.23
HSL	192°, 40%, 61%
HSV	192°, 41%, 77%
XYZ	33.4875, 40.3410, 58.2462
YIQ	162.6880, -43.2800, -8.5920

# Conversions

## Conversions Part 2

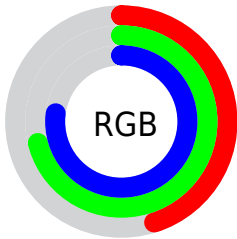
Format	Color
<a href="#">RYB</a>	<a href="#">116, 152, 196</a>
Decimal	<a href="#">7648452</a>
CIELab	<a href="#">69.71, -16.30, -14.58</a>
CIElCh	<a href="#">70, 21.869, 221.798</a>
Yxy	<a href="#">40.3410, 0.2535, 0.3054</a>
Android (android.graphics.Color)	<a href="#">4285838532 (0xFF74B4C4)</a>
YUV	<a href="#">162.6880, 16.4228, -40.9454</a>
Hunter-Lab	<a href="#">63.5146, -17.0380, -9.9118</a>

# Details

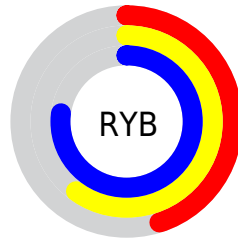
The Hex color **74B4C4** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C48474**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **ABECFD**, and **3D7F8E** is the 20% darker color. If you saturate the color by 10%, you get **60B0C4**, and if you desaturate by 10%, it is **88B8C4**.

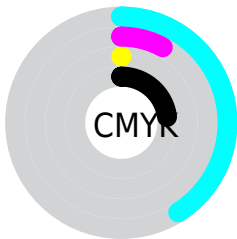
# Distribution



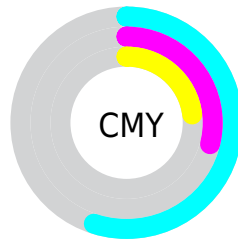
- Red (45%)
- Green (71%)
- Blue (77%)



- Red (45%)
- Yellow (60%)
- Blue (77%)



- Cyan (41%)
- Magenta (8%)
- Yellow (0%)
- Black (23%)



- Cyan (55%)
- Magenta (29%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 74B4C4 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 74B4C4 by changing the saturation by 10% instead.





74B4C4



74B4C4

FFFFFF



5999A9



ABECFD



3D7F8E



C8FFFF



206675



E5FFFF



004E5C



003745



00212E



00011A



000000



74B4C4



74B4C4

60B0C4

88B8C4

4DACCC4

9BBCC4

39A8C4

AFC0C4

26A4C4

C2C4C4

12A0C4

D6C8C4

009DC4

EACCC4

FDCFC4

FFD3C4

FFD7C4

# Harmonies

## Analogous

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



75B6B2



74B4C4



84B0CF

# Triad

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



74B4C4



CA9EB7



B1AC83

# Complementary

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



74B4C4



C48474

# 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.



C4A585



74B4C4



D39CA3

# Square

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



74B4C4



B7A3C8



D09F91



9BB18C

# Rectangle

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



74B4C4



94ACD2



D09F91



B8A983

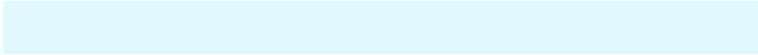


# Sweetspot

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



74B4C4



E0F9FF



74C484



6E7C80



000000



808080

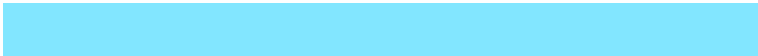


# Same Dimension

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



74B4C4



82E6FF



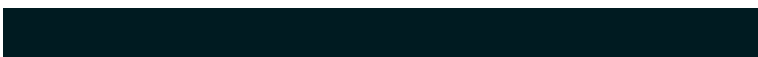
748CC4



575F61



0081A1



001B21



# Inverse Universe

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



C474B4



FF82E6



C4AC74



61575F



A10081

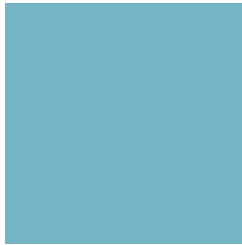


21001B



# Previews

## White Background



This preview shows how the Hex color 74B4C4 looks on a white background.

## Color Contrast Check

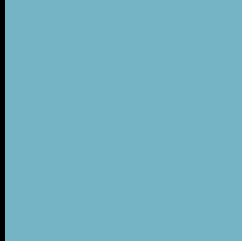
Large Text (above 18pt) WCAG AA × Fail

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 74B4C4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

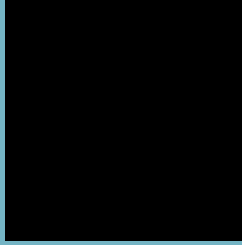
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 74B4C4 Background



This preview shows how black text looks on a background with the Hex color 74B4C4.

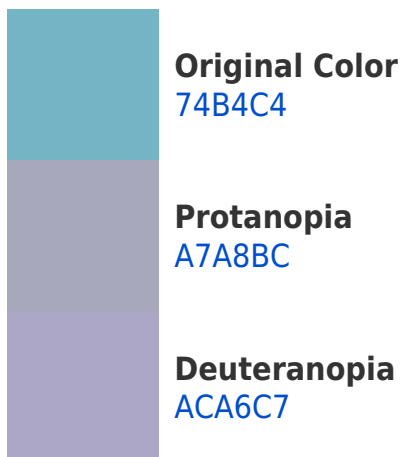


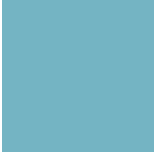
This preview shows how white text looks on a background with the Hex color 74B4C4.

# 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](#).

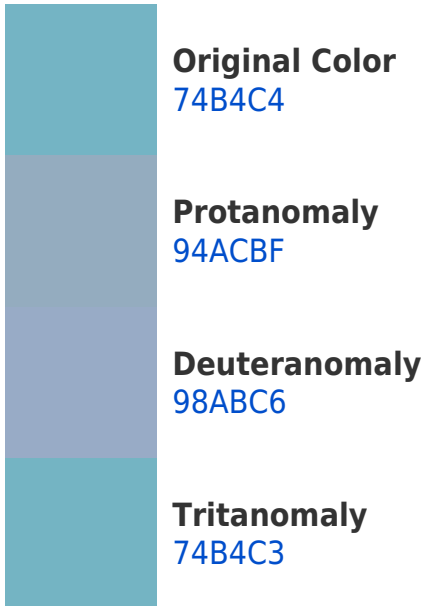
## Dichromacy



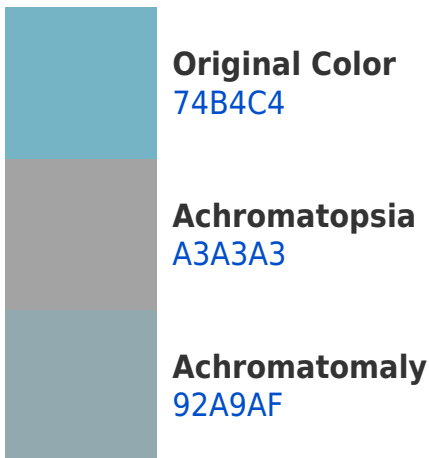


**Tritanopia**  
74B4C3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 74B4C4 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 #74B4C4 looks like.

```
.text, #text, p{  
    color:#74B4C4  
}
```

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 #74B4C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74B4C4
}
```

## Border

The CSS property to change the border of an element to Hex 74B4C4 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
#74B4C4 }
```

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

```
.border{ border-color:#74B4C4 }
```

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

Here you see how a box with a 4 pixel #74B4C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74B4C4; -webkit-box-shadow:4px 4px  
4px 4px #74B4C4; box-shadow:4px 4px 4px  
4px #74B4C4 }
```

# Background

The CSS property to change the background color of an element to Hex 74B4C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74B4C4 }
```

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

```
.background{ background-color:#74B4C4 }
```

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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