

Converting Colors

Hex(74B7CC)

Have a look what the booklet for
Hex(74B7CC) contains.

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Color

Hex(74B7CC)

Conversions

Conversions Part 1

Format	Color
Hex	74B7CC
RGB	116, 183, 204
RGB Percent	45%, 72%, 80%
CMY	0.5451, 0.2824, 0.2000
CMYK	0.43, 0.10, 0.00, 0.20
HSL	194°, 46%, 63%
HSV	194°, 43%, 80%
XYZ	35.0350, 41.9396, 63.3754
YIQ	165.3610, -46.6730, -7.6730

Conversions

Conversions Part 2

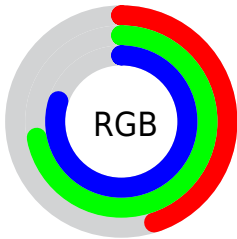
Format	Color
RYB	116, 154, 204
Decimal	7649228
CIELab	70.83, -15.76, -17.28
CIELCh	71, 23.390, 227.633
Yxy	41.9396, 0.2496, 0.2988
Android (android.graphics.Color)	4285839308 (0xFF74B7CC)
YUV	165.3610, 19.0490, -43.2896
Hunter-Lab	64.7608, -16.7644, -12.6890

Details

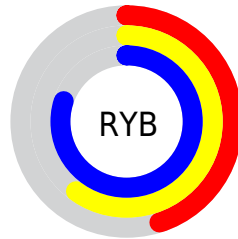
The Hex color **74B7CC** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **CC8974**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **ACEFFF**, and **3C8296** is the 20% darker color. If you saturate the color by 10%, you get **60B2CC**, and if you desaturate by 10%, it is **88BCCC**.

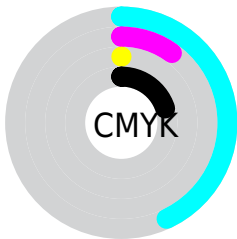
Distribution



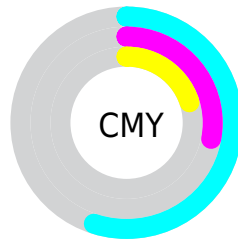
- Red (45%)
- Green (72%)
- Blue (80%)



- Red (45%)
- Yellow (60%)
- Blue (80%)



- Cyan (43%)
- Magenta (10%)
- Yellow (0%)
- Black (20%)



- Cyan (55%)
- Magenta (28%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 74B7CC 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 74B7CC by changing the saturation by 10% instead.

 74B7CC

 74B7CC

FFFFFF

 589CB1

 ACEFFF

 3C8296

 C8FFFF

 1D697C

 E5FFFF

 005163

 00394B

 002434

 000820

 000004

 000000

 74B7CC

 74B7CC

 60B2CC

 88BCCC

 4BADCC

 9DC1CC

 37A8CC

 B1C6CC

 22A4CC

 C6CACC

 0E9FCC

 DACFCC

 009BCC

 EED4CC

 FFD9CC

 FFDECC

 FFE3CC

Harmonies

Analogous

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



72B9B9



74B7CC



88B2D6

Triad

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



74B7CC



D29FB7



B0B085

Complementary

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



74B7CC



CC8974

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.



C5A984



74B7CC



D99EA1

Square

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



74B7CC



C0A4CA



D4A28F



98B690

Rectangle

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



74B7CC



9BADD7



D4A28F



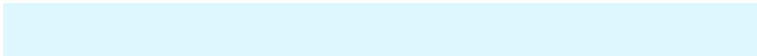
B8AE83

Sweetspot

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



74B7CC



DEF7FF



74CC89



6B7B80



000000



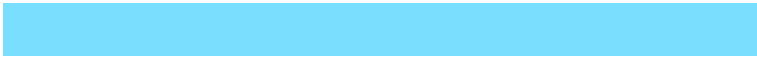
808080

Same Dimension

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



74B7CC



7ADFFF



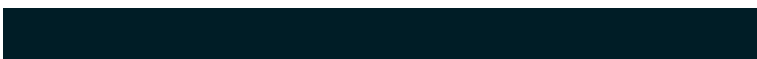
748BCC



5C6466



007EA6



001D26

Inverse Universe

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



CC74B7



FF7ADF



CCB574



665C64



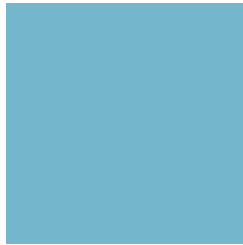
A6007E



26001D

Previews

White Background



This preview shows how the Hex color 74B7CC looks on a white background.

Color Contrast Check

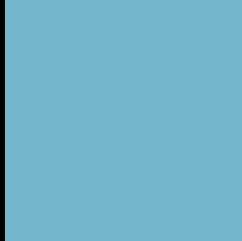
Large Text (above 18pt) WCAG AA × Fail

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 74B7CC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

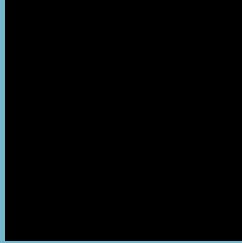
Any Text WCAG AA ✓ Pass

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 74B7CC Background



This preview shows how black text looks on a background with the Hex color 74B7CC.

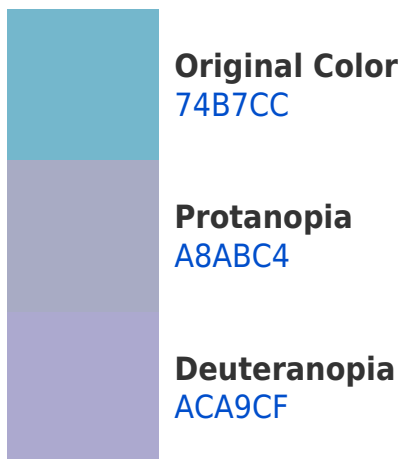


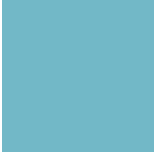
This preview shows how white text looks on a background with the Hex color 74B7CC.

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](#).

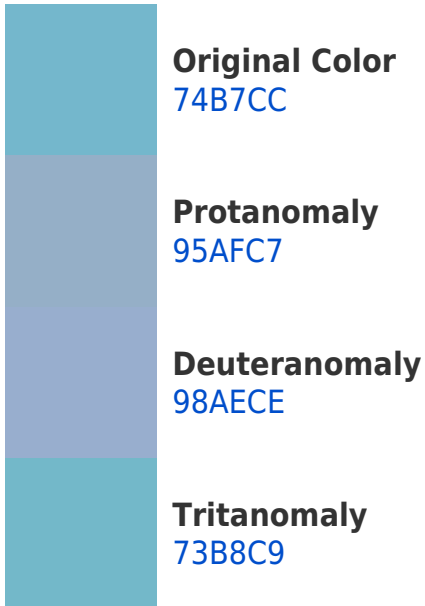
Dichromacy



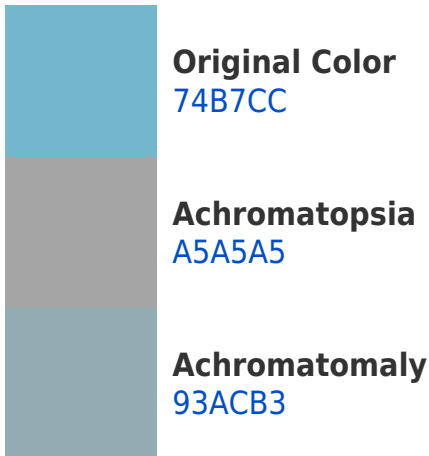


Tritanopia
72B8C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 74B7CC 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 #74B7CC looks like.

```
.text, #text, p{  
    color:#74B7CC  
}
```

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 #74B7CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74B7CC
}
```

Border

The CSS property to change the border of an element to Hex 74B7CC 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
#74B7CC }
```

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

```
.border{ border-color:#74B7CC }
```

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

Here you see how a box with a 4 pixel #74B7CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74B7CC; -webkit-box-shadow:4px 4px  
4px 4px #74B7CC; box-shadow:4px 4px 4px  
4px #74B7CC }
```

Background

The CSS property to change the background color of an element to Hex 74B7CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74B7CC }
```

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

```
.background{ background-color:#74B7CC }
```

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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