

# Converting Colors

Hex(73B4C6)

Have a look what the booklet for  
Hex(73B4C6) contains.

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# **Color**

**Hex(73B4C6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	73B4C6
RGB	115, 180, 198
RGB Percent	45%, 71%, 78%
CMY	0.5490, 0.2941, 0.2235
CMYK	0.42, 0.09, 0.00, 0.22
HSL	193°, 42%, 61%
HSV	193°, 42%, 78%
XYZ	33.5845, 40.3646, 59.4471
YIQ	162.6170, -44.5180, -8.1820

# Conversions

## Conversions Part 2

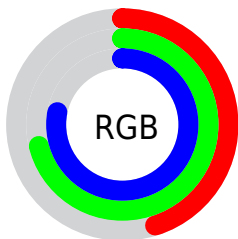
Format	Color
<a href="#">RYB</a>	<a href="#">115, 151, 198</a>
Decimal	<a href="#">7582918</a>
CIELab	<a href="#">69.73, -16.03, -15.66</a>
CIElCh	<a href="#">70, 22.410, 224.315</a>
Yxy	<a href="#">40.3646, 0.2518, 0.3026</a>
Android (android.graphics.Color)	<a href="#">4285772998 (0xFF73B4C6)</a>
YUV	<a href="#">162.6170, 17.4438, -41.7601</a>
Hunter-Lab	<a href="#">63.5331, -16.8253, -11.0037</a>

# Details

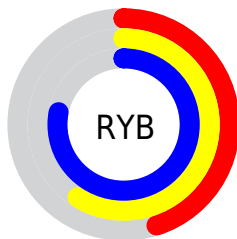
The Hex color **73B4C6** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C68573**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **AAECFF**, and **3C7F90** is the 20% darker color. If you saturate the color by 10%, you get **5FB0C6**, and if you desaturate by 10%, it is **87B8C6**.

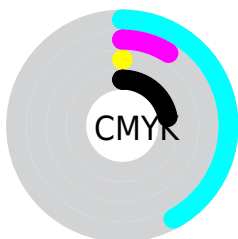
# Distribution



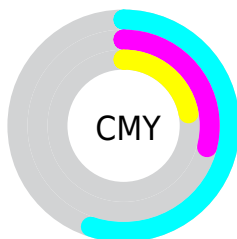
- Red (45%)
- Green (71%)
- Blue (78%)



- Red (45%)
- Yellow (59%)
- Blue (78%)



- Cyan (42%)
- Magenta (9%)
- Yellow (0%)
- Black (22%)



- Cyan (55%)
- Magenta (29%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 73B4C6 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 73B4C6 by changing the saturation by 10% instead.



 73B4C6

 73B4C6

FFFFFF

 5899AB

 AAECFF

 3C7F90

 C7FFFF

 1D6677

 E4FFFF

 004E5E

 003746

 002130

 00011B

 000000

 73B4C6

 73B4C6

5FB0C6

87B8C6

4BABC6

9BBDC6

38A7C6

AEC1C6

24A3C6

C2C5C6

109FC6

D6C9C6

009BC6

EACEC6

FED2C6

FFD6C6

FFDBC6

# Harmonies

## Analogous

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



73B6B4



73B4C6



85AFD1

# Triad

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



73B4C6



CC9DB6



B0AC83

# Complementary

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



73B4C6



C68573

# 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.



C3A584



73B4C6



D49CA1

# Square

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



73B4C6



BAA2C8



D19F8F



98B28D

# Rectangle

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



73B4C6



96ABD3



D19F8F



B7AA82

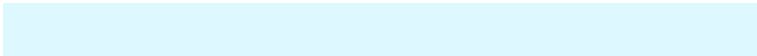


# Sweetspot

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



73B4C6



DEF8FF



73C685



6B7B80



000000



808080

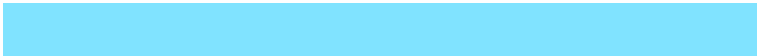


# Same Dimension

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



73B4C6



80E3FF



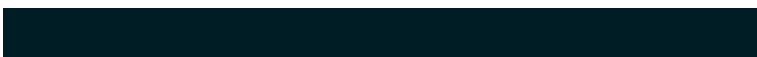
738BC6



5A6163



0080A3



001C24



# Inverse Universe

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



C673B4



FF80E3



C6AE73



635A61



A30080

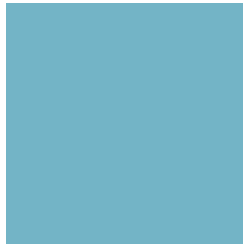


24001C



# Previews

## White Background



This preview shows how the Hex color 73B4C6 looks on a white background.

## Color Contrast Check

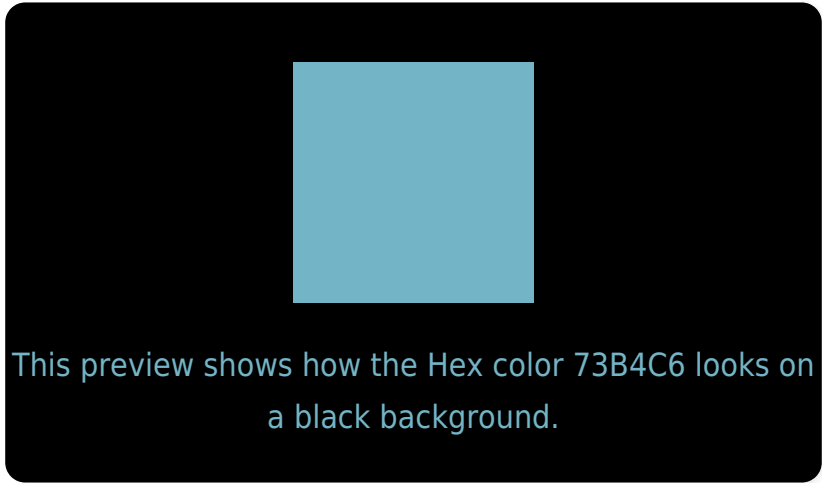
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

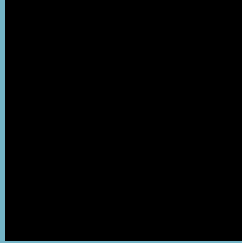
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 73B4C6 Background



This preview shows how black text looks on a background with the Hex color 73B4C6.

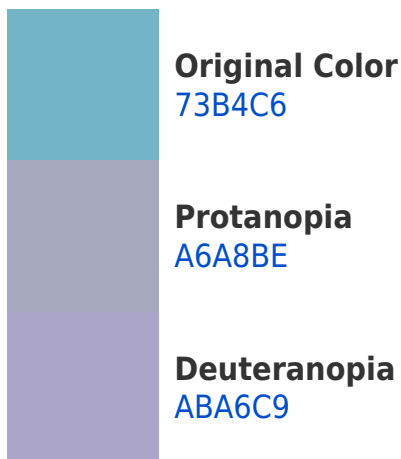


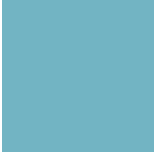
This preview shows how white text looks on a background with the Hex color 73B4C6.

# 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](#).

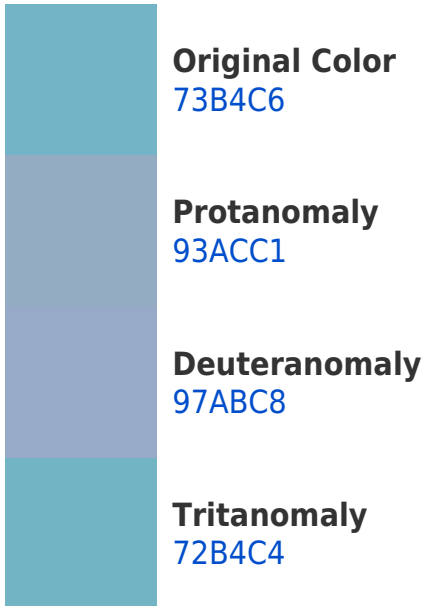
## Dichromacy



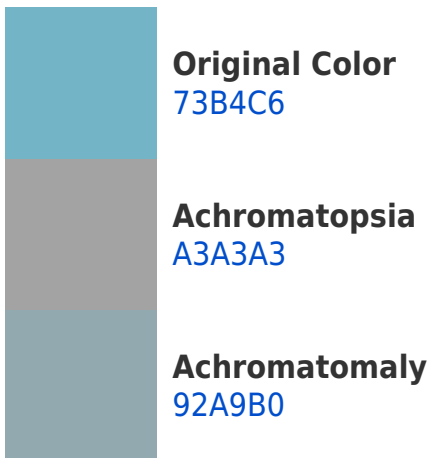


**Tritanopia**  
72B4C3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 73B4C6 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 #73B4C6 looks like.

```
.text, #text, p{  
    color:#73B4C6  
}
```

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 #73B4C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73B4C6
}
```

## Border

The CSS property to change the border of an element to Hex 73B4C6 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
#73B4C6 }
```

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

```
.border{ border-color:#73B4C6 }
```

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

Here you see how a box with a 4 pixel #73B4C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73B4C6; -webkit-box-shadow:4px 4px  
4px 4px #73B4C6; box-shadow:4px 4px 4px  
4px #73B4C6 }
```

# Background

The CSS property to change the background color of an element to Hex 73B4C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73B4C6 }
```

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

```
.background{ background-color:#73B4C6 }
```

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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