

# Converting Colors

Hex(73B5C9)

Have a look what the booklet for  
Hex(73B5C9) contains.

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# **Color**

**Hex(73B5C9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	73B5C9
RGB	115, 181, 201
RGB Percent	45%, 71%, 79%
CMY	0.5490, 0.2902, 0.2118
CMYK	0.43, 0.10, 0.00, 0.21
HSL	194°, 44%, 62%
HSV	194°, 43%, 79%
XYZ	34.1367, 40.9096, 61.3555
YIQ	163.5460, -45.7560, -7.7720

# Conversions

## Conversions Part 2

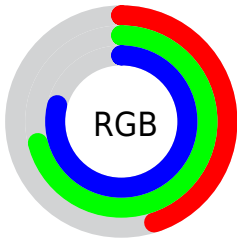
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	115, 152, 201
Decimal	7583177
CIE Lab	70.11, -15.76, -16.72
CIE LCh	70, 22.982, 226.693
Yxy	40.9096, 0.2503, 0.2999
Android (android.graphics.Color)	4285773257 (0xFF73B5C9)
YUV	163.5460, 18.4648, -42.5748
Hunter-Lab	63.9606, -16.6631, -12.1026

# Details

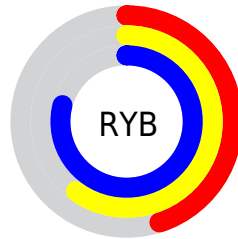
The Hex color **73B5C9** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C98773**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **ABEDFF**, and **3C8093** is the 20% darker color. If you saturate the color by 10%, you get **5FB0C9**, and if you desaturate by 10%, it is **87BAC9**.

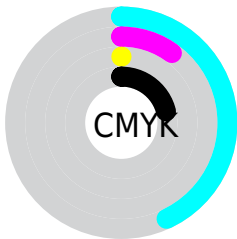
# Distribution



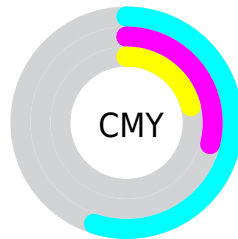
- Red (45%)
- Green (71%)
- Blue (79%)



- Red (45%)
- Yellow (60%)
- Blue (79%)



- Cyan (43%)
- Magenta (10%)
- Yellow (0%)
- Black (21%)



- Cyan (55%)
- Magenta (29%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 73B5C9 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 73B5C9 by changing the saturation by 10% instead.



 73B5C9

 73B5C9

FFFFFF

 589AAE

 ABEDFF

 3C8093

 C7FFFF

 1C6779

 E4FFFF

 004F60

 003849

 002232

 00021E

 000000

 73B5C9

 73B5C9

5FB0C9

87BAC9

4BACC9

9BBEC9

37A7C9

AFC3C9

23A2C9

C3C8C9

0F9EC9

D8CCC9

009AC9

ECD1C9

FFD6C9

FFDAC9

FFDFC9

# Harmonies

## Analogous

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



72B7B7



73B5C9



86B0D3

# Triad

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



73B5C9



CF9DB6



AFAE83

# Complementary

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



73B5C9



C98773

# 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.



C4A783



73B5C9



D69DA0

# Square

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



73B5C9



BDA2C8



D2A08E



97B38E

# Rectangle

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



73B5C9



99ACD4



D2A08E



B6AC82

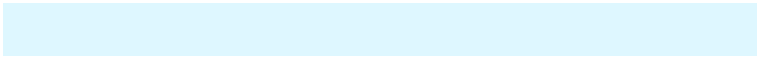


# Sweetspot

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



73B5C9



DEF7FF



73C986



6B7B80



000000



808080

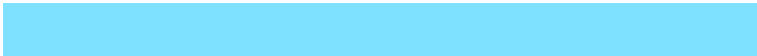


# Same Dimension

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



73B5C9



7DE1FF



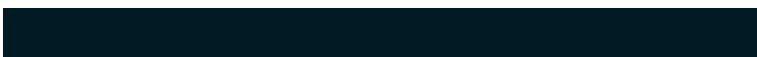
738BC9



5A6163



007DA3



001B24



# Inverse Universe

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



C973B5



FF7DE1



C9B173



635A61



A3007D

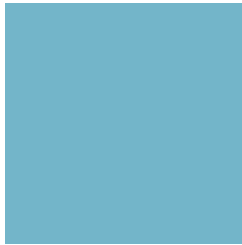


24001B



# Previews

## White Background



This preview shows how the Hex color 73B5C9 looks on a white background.

## Color Contrast Check

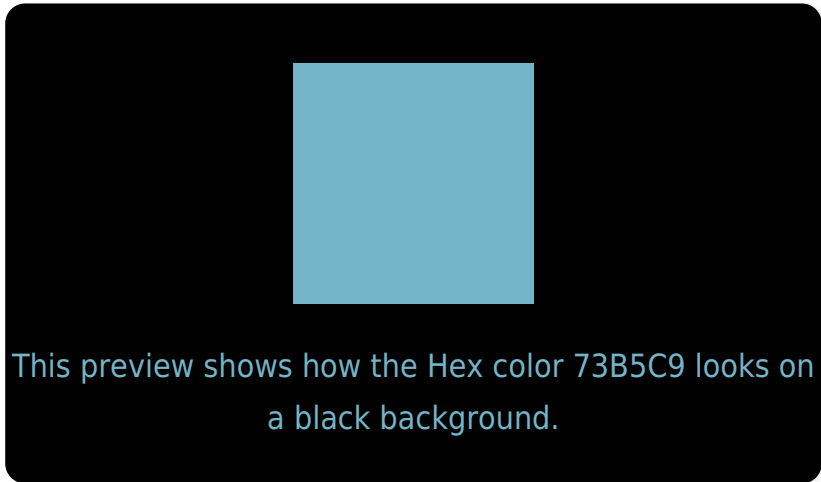
Large Text (above 18pt) WCAG AA × Fail

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

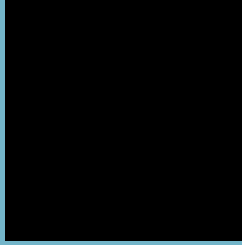
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

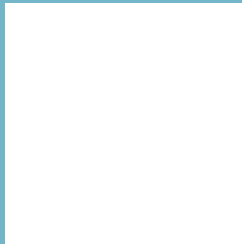
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 73B5C9 Background



This preview shows how black text looks on a background with the Hex color 73B5C9.

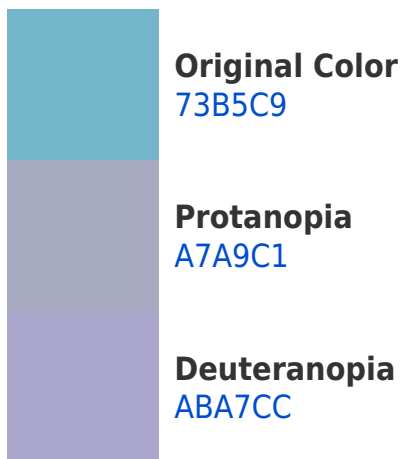


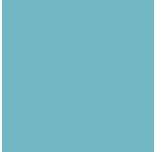
This preview shows how white text looks on a background with the Hex color 73B5C9.

# 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](#).

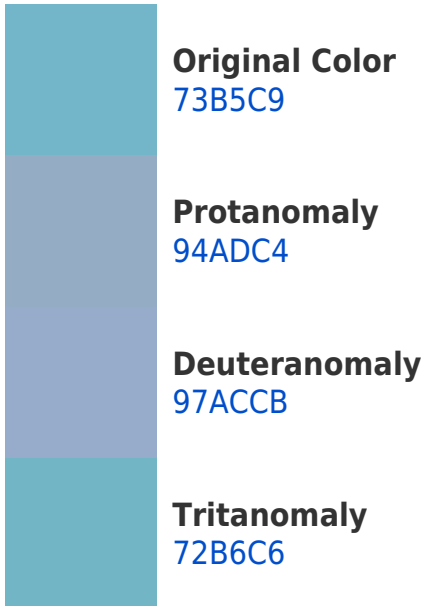
## Dichromacy



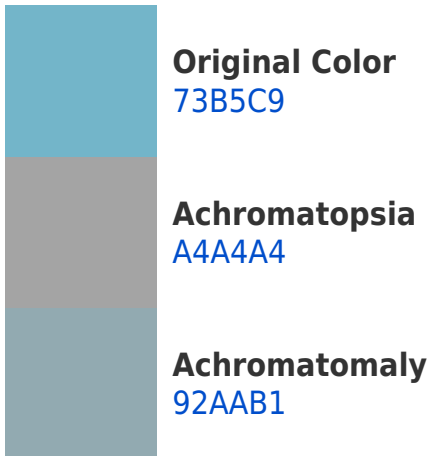


**Tritanopia**  
72B6C4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 73B5C9 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 #73B5C9 looks like.

```
.text, #text, p{  
    color:#73B5C9  
}
```

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 #73B5C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73B5C9
}
```

## Border

The CSS property to change the border of an element to Hex 73B5C9 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
#73B5C9 }
```

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

```
.border{ border-color:#73B5C9 }
```

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

Here you see how a box with a 4 pixel #73B5C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73B5C9; -webkit-box-shadow:4px 4px  
4px 4px #73B5C9; box-shadow:4px 4px 4px  
4px #73B5C9 }
```

# Background

The CSS property to change the background color of an element to Hex 73B5C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73B5C9 }
```

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

```
.background{ background-color:#73B5C9 }
```

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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