

# Converting Colors

Hex(75B7C9)

Have a look what the booklet for  
Hex(75B7C9) contains.

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# **Color**

**Hex(75B7C9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	75B7C9
RGB	117, 183, 201
RGB Percent	46%, 72%, 79%
CMY	0.5412, 0.2824, 0.2118
CMYK	0.42, 0.09, 0.00, 0.21
HSL	193°, 44%, 62%
HSV	193°, 42%, 79%
XYZ	34.8122, 41.8659, 61.5045
YIQ	165.3180, -45.1140, -8.3940

# Conversions

## Conversions Part 2

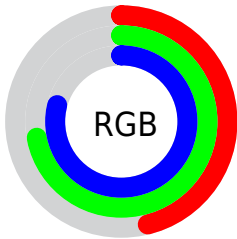
Format	Color
<a href="#">RYB</a>	<a href="#">117, 154, 201</a>
Decimal	<a href="#">7714761</a>
CIELab	<a href="#">70.78, -16.30, -15.71</a>
CIELCh	<a href="#">71, 22.641, 223.936</a>
Yxy	<a href="#">41.8659, 0.2519, 0.3030</a>
Android (android.graphics.Color)	<a href="#">4285904841 (0xFF75B7C9)</a>
YUV	<a href="#">165.3180, 17.5912, -42.3749</a>
Hunter-Lab	<a href="#">64.7039, -17.1946, -11.0656</a>

# Details

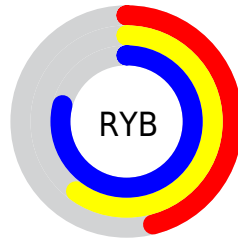
The Hex color **75B7C9** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C98775**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **ADEFFF**, and **3E8293** is the 20% darker color. If you saturate the color by 10%, you get **61B3C9**, and if you desaturate by 10%, it is **89BBC9**.

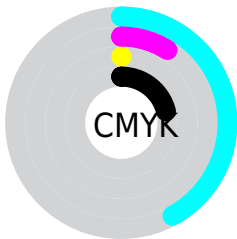
# Distribution



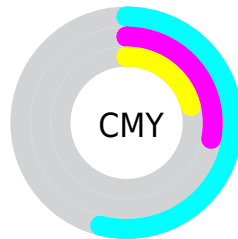
- Red (46%)
- Green (72%)
- Blue (79%)



- Red (46%)
- Yellow (60%)
- Blue (79%)



- Cyan (42%)
- Magenta (9%)
- Yellow (0%)
- Black (21%)



- Cyan (54%)
- Magenta (28%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 75B7C9 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 75B7C9 by changing the saturation by 10% instead.



 75B7C9

 75B7C9

FFFFFF

 5A9CAE

 ADEFFF

 3E8293

 C9FFFF

 1F6979

 E6FFFF

 005060

 003949

 002432

 00071D

 000000

 75B7C9

 75B7C9

61B3C9

89BBC9

4DAEC9

9DC0C9

39AAC9

B1C4C9

25A6C9

C5C8C9

11A1C9

DACDC9

009EC9

EED1C9

FFD5C9

FFD9C9

FFDEC9

# Harmonies

## Analogous

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



75B9B6



75B7C9



87B2D4

# Triad

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



75B7C9



CFA0B9



B3AF85

# Complementary

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



75B7C9



C98775

# 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.



C7A886



75B7C9



D89FA4

# Square

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



75B7C9



BCA5CB



D4A291



9BB58F

# Rectangle

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



75B7C9



98AED6



D4A291



BAAD84

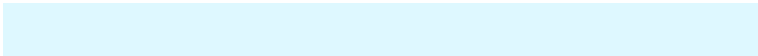


# Sweetspot

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



75B7C9



DEF8FF



75C986



6B7B80



000000



808080

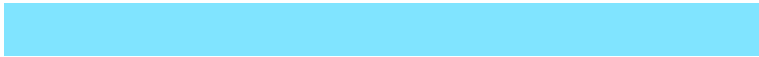


# Same Dimension

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



75B7C9



80E4FF



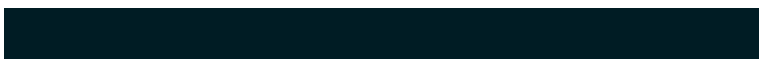
758EC9



5A6163



0080A3



001C24



# Inverse Universe

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



C975B7



FF80E4



C9B075



635A61



A30080

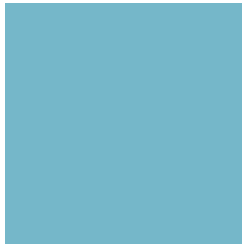


24001C



# Previews

## White Background



This preview shows how the Hex color 75B7C9 looks on a white background.

## Color Contrast Check

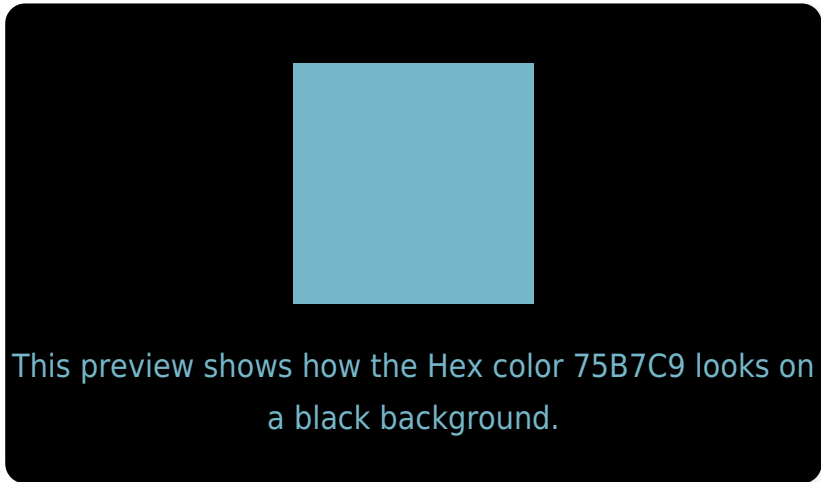
Large Text (above 18pt) WCAG AA × Fail

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

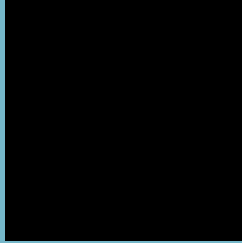
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

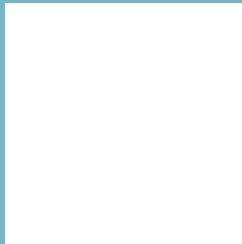
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 75B7C9 Background



This preview shows how black text looks on a background with the Hex color 75B7C9.

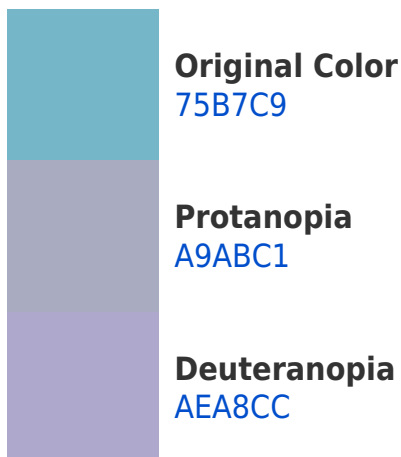


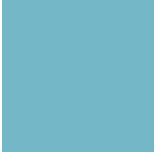
This preview shows how white text looks on a background with the Hex color 75B7C9.

# 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](#).

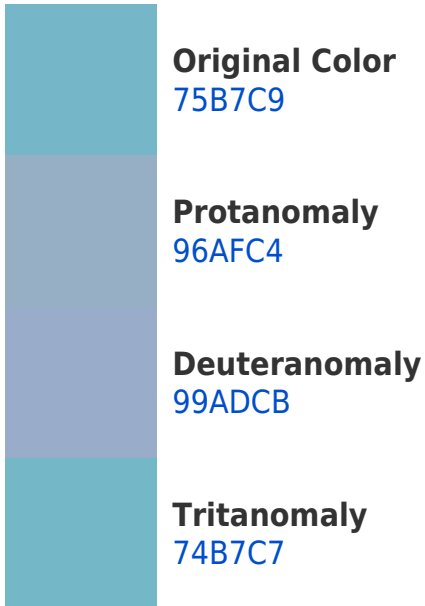
## Dichromacy



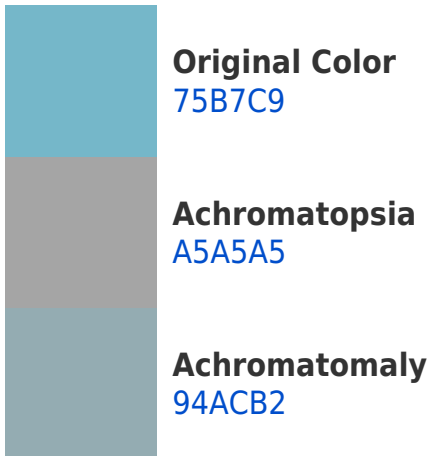


**Tritanopia**  
74B7C6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 75B7C9 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 #75B7C9 looks like.

```
.text, #text, p{  
    color:#75B7C9  
}
```

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 #75B7C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75B7C9
}
```

## Border

The CSS property to change the border of an element to Hex 75B7C9 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
#75B7C9 }
```

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

```
.border{ border-color:#75B7C9 }
```

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

Here you see how a box with a 4 pixel #75B7C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75B7C9; -webkit-box-shadow:4px 4px  
4px 4px #75B7C9; box-shadow:4px 4px 4px  
4px #75B7C9 }
```

# Background

The CSS property to change the background color of an element to Hex 75B7C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75B7C9 }
```

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

```
.background{ background-color:#75B7C9 }
```

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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