

# Converting Colors

Hex(75B8BD)

Have a look what the booklet for  
Hex(75B8BD) contains.

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**Color**

**Hex(75B8BD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	75B8BD
RGB	117, 184, 189
RGB Percent	46%, 72%, 74%
CMY	0.5412, 0.2784, 0.2588
CMYK	0.38, 0.03, 0.00, 0.26
HSL	184°, 35%, 60%
HSV	184°, 38%, 74%
XYZ	33.6619, 41.7370, 54.4260
YIQ	164.5370, -41.5370, -12.6490

# Conversions

## Conversions Part 2

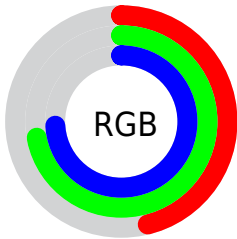
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 152, 189
Decimal	7715005
CIE <sub>Lab</sub>	70.69, -19.90, -9.26
CIE <sub>LCh</sub>	71, 21.954, 204.951
Yxy	41.7370, 0.2593, 0.3215
Android (android.graphics.Color)	4285905085 (0xFF75B8BD)
YUV	164.5370, 12.0603, -41.6899
Hunter-Lab	64.6042, -20.0502, -4.7261

# Details

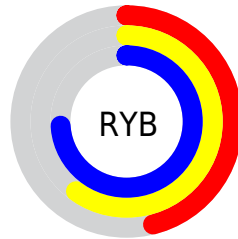
The Hex color **75B8BD** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **BD7A75**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **ACF0F5**, and **3F8388** is the 20% darker color. If you saturate the color by 10%, you get **62B7BD**, and if you desaturate by 10%, it is **88B9BD**.

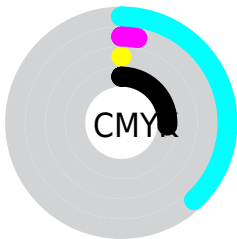
# Distribution



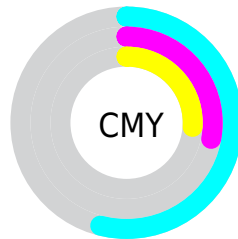
- Red (46%)
- Green (72%)
- Blue (74%)



- Red (46%)
- Yellow (60%)
- Blue (74%)



- Cyan (38%)
- Magenta (3%)
- Yellow (0%)
- Black (26%)



- Cyan (54%)
- Magenta (28%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 75B8BD 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 75B8BD by changing the saturation by 10% instead.



 75B8BD

 75B8BD

FFFFFF

 5A9DA2

 ACF0F5

 3F8388

 C8FFFF

 22696E

 E5FFFF

 005156

 003A3F

 002429

 000615

 000000

 75B8BD

 75B8BD

62B7BD

88B9BD

4FB5BD

9BBBBD

3CB4BD

AEBCBD

29B3BD

C1BDBD

16B1BD

D4BFBD

04B0BD

E6C0BD

00B0BD

F9C1BD

FFC3BD

FFC4BD

# Harmonies

## Analogous

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



7FB8A9



75B8BD



7BB5CD

# Triad

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



75B8BD



C4A3C4



BFAA85

# Complementary

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



75B8BD



BD7A75

# 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.



CFA48D



75B8BD



D29FB1

# Square

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



75B8BD



ACA9D1



D6A09D



AAB189

# Rectangle

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



75B8BD



89B2D3



D6A09D



C5A887



# Sweetspot

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



75B8BD



DAF3F5



75BD7A



6A797A



FAFAFA



7A7A7A



# Same Dimension

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



75B8BD



84EDF5



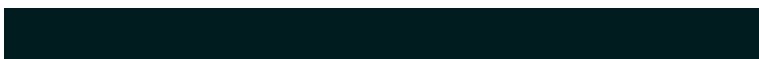
7594BD



555E5E



00939E



001C1F



# Inverse Universe

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



BD75B8



F584ED



BD9E75



5E555E



9E0093

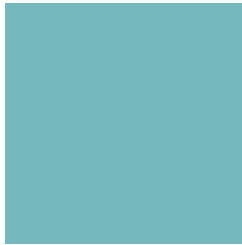


1F001C



# Previews

## White Background



This preview shows how the Hex color 75B8BD looks on a white background.

## Color Contrast Check

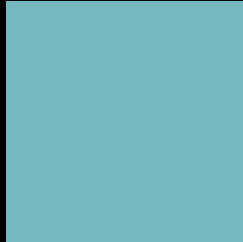
Large Text (above 18pt) WCAG AA × Fail

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 75B8BD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

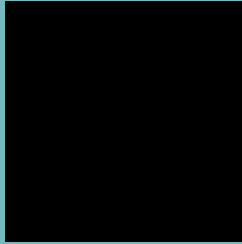
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 75B8BD Background



This preview shows how black text looks on a background with the Hex color 75B8BD.

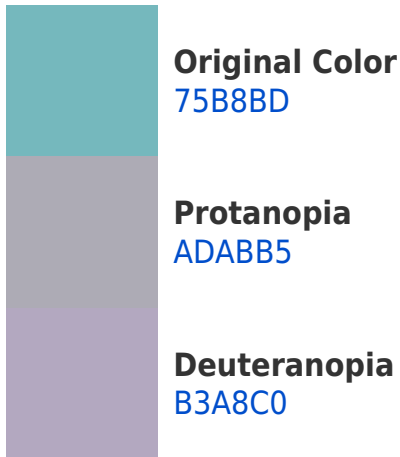


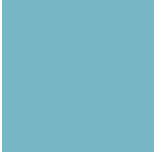
This preview shows how white text looks on a background with the Hex color 75B8BD.

# 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](#).

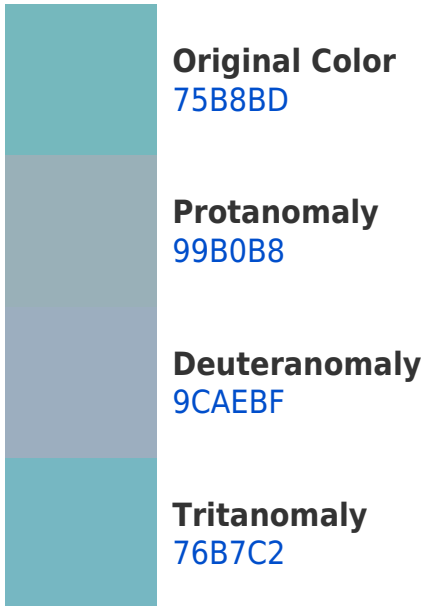
## Dichromacy



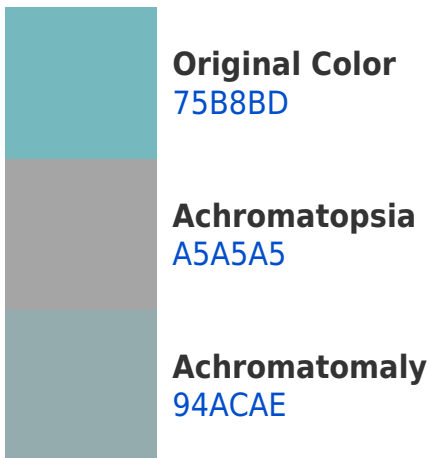


**Tritanopia**  
77B7C5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 75B8BD 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 #75B8BD looks like.

```
.text, #text, p{  
    color:#75B8BD  
}
```

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 #75B8BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75B8BD }  
}
```

## Border

The CSS property to change the border of an element to Hex 75B8BD 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 #75B8BD }  
}
```

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

```
.border{ border-color:#75B8BD }
```

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

Here you see how a box with a 4 pixel #75B8BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75B8BD; -webkit-box-shadow:4px 4px  
4px 4px #75B8BD; box-shadow:4px 4px 4px  
4px #75B8BD }
```

# Background

The CSS property to change the background color of an element to Hex 75B8BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75B8BD }
```

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

```
.background{ background-color:#75B8BD }
```

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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