

Converting Colors

Hex(75B6BC)

Have a look what the booklet for
Hex(75B6BC) contains.

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Color

Hex(75B6BC)

Conversions

Conversions Part 1

Format	Color
Hex	75B6BC
RGB	117, 182, 188
RGB Percent	46%, 71%, 74%
CMY	0.5412, 0.2863, 0.2627
CMYK	0.38, 0.03, 0.00, 0.26
HSL	185°, 35%, 60%
HSV	185°, 38%, 74%
XYZ	33.1412, 40.8686, 53.7187
YIQ	163.2490, -40.6660, -11.9140

Conversions

Conversions Part 2

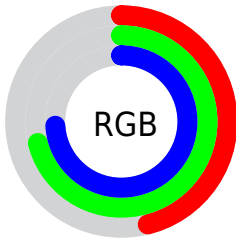
Format	Color
RYB	117, 151, 188
Decimal	7714492
CIELab	70.08, -19.13, -9.61
CIELCh	70, 21.409, 206.684
Yxy	40.8686, 0.2595, 0.3200
Android (android.graphics.Color)	4285904572 (0xFF75B6BC)
YUV	163.2490, 12.2022, -40.5604
Hunter-Lab	63.9286, -19.3390, -5.0709

Details

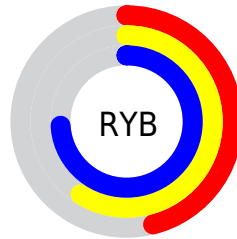
The Hex color **75B6BC** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **BC7B75**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **ACEEF4**, and **3F8187** is the 20% darker color. If you saturate the color by 10%, you get **62B4BC**, and if you desaturate by 10%, it is **88B8BC**.

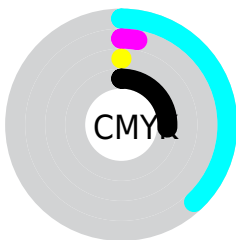
Distribution



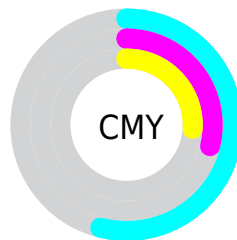
- Red (46%)
- Green (71%)
- Blue (74%)



- Red (46%)
- Yellow (59%)
- Blue (74%)



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



- Cyan (54%)
- Magenta (29%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75B6BC 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 75B6BC by changing the saturation by 10% instead.

 75B6BC

 75B6BC

FFFFFF

 5A9BA1

 ACEEF4

 3F8187

 C8FFFF

 23686E

 E5FFFF

 004F55

 00383E

 002328

 000214

 000000

 75B6BC

 75B6BC

62B4BC

88B8BC

4FB3BC

9BB9BC

3DB1BC

ADBBBC

2AB0BC

C0BCBC

17AEBC

D3BEBC

04ACBC

E6C0BC

00ACBC

F9C1BC

FFC3BC

FFC4BC

Harmonies

Analogous

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



7EB6A8



75B6BC



7CB3CB

Triad

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



75B6BC



C3A1C1



BCA985

Complementary

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



75B6BC



BC7B75

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.



CCA38C



75B6BC



D09EAE

Square

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



75B6BC



ACA7CE



D39E9B



A7AF88

Rectangle

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



75B6BC



89B0D1



D39E9B



C2A786

Sweetspot

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



75B6BC



DAF3F5



75BC7B



6A797A



FAFAFA



7A7A7A

Same Dimension

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



75B6BC



87EBF5



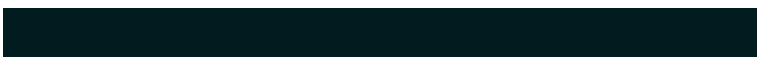
7593BC



555E5E



00919E



001C1F

Inverse Universe

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



BC75B6



F587EB



BC9E75



5E555E



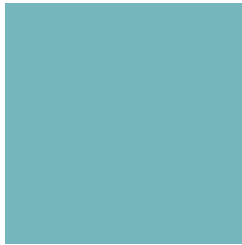
9E0091



1F001C

Previews

White Background



This preview shows how the Hex color 75B6BC 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 75B6BC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

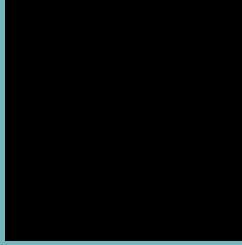
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

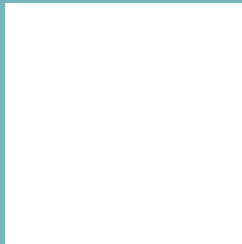
Any Text WCAG AAA ✓ Pass

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

Hex 75B6BC Background



This preview shows how black text looks on a background with the Hex color 75B6BC.

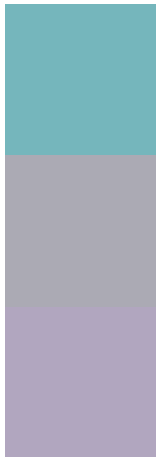


This preview shows how white text looks on a background with the Hex color 75B6BC.

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](#).

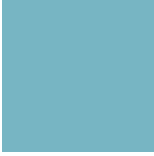
Dichromacy



Original Color
75B6BC

Protanopia
ABAAB4

Deuteranopia
B1A6BF

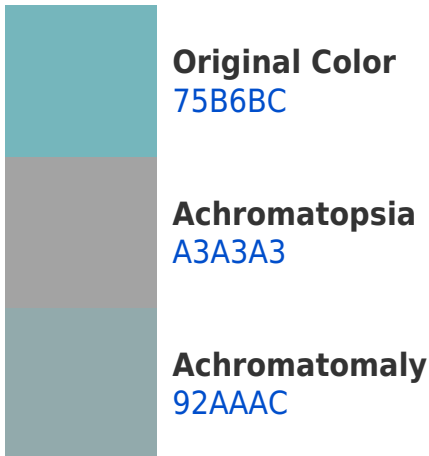


Tritanopia
77B5C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 75B6BC 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 #75B6BC looks like.

```
.text, #text, p{  
    color:#75B6BC  
}
```

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 #75B6BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75B6BC  
}
```

Border

The CSS property to change the border of an element to Hex 75B6BC 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  
#75B6BC }
```

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

```
.border{ border-color:#75B6BC }
```

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

Here you see how a box with a 4 pixel #75B6BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75B6BC; -webkit-box-shadow:4px 4px  
4px 4px #75B6BC; box-shadow:4px 4px 4px  
4px #75B6BC }
```

Background

The CSS property to change the background color of an element to Hex 75B6BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75B6BC }
```

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

```
.background{ background-color:#75B6BC }
```

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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