

Converting Colors

Hex(75B8CB)

Have a look what the booklet for
Hex(75B8CB) contains.

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Color

Hex(75B8CB)

Conversions

Conversions Part 1

Format	Color
Hex	75B8CB
RGB	117, 184, 203
RGB Percent	46%, 72%, 80%
CMY	0.5412, 0.2784, 0.2039
CMYK	0.42, 0.09, 0.00, 0.20
HSL	193°, 45%, 63%
HSV	193°, 42%, 80%
XYZ	35.2561, 42.3747, 62.8209
YIQ	166.1330, -46.0310, -8.2950

Conversions

Conversions Part 2

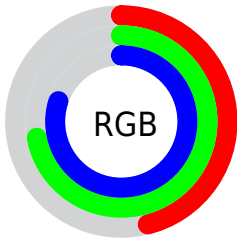
Format	Color
R _Y B	117, 155, 203
Decimal	7715019
CIE Lab	71.13, -16.30, -16.28
CIE LCh	71, 23.035, 224.961
Yxy	42.3747, 0.2510, 0.3017
Android (android.graphics.Color)	4285905099 (0xFF75B8CB)
YUV	166.1330, 18.1754, -43.0896
Hunter-Lab	65.0958, -17.2416, -11.6508

Details

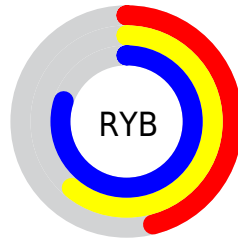
The Hex color **75B8CB** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **CB8875**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **ADF0FF**, and **3E8395** is the 20% darker color. If you saturate the color by 10%, you get **61B4CB**, and if you desaturate by 10%, it is **89BCCB**.

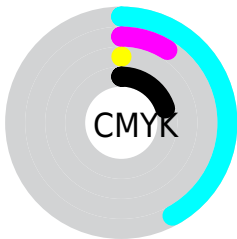
Distribution



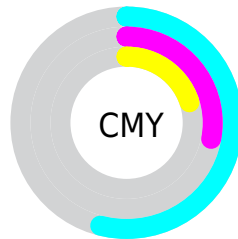
- Red (46%)
- Green (72%)
- Blue (80%)



- Red (46%)
- Yellow (61%)
- Blue (80%)



- Cyan (42%)
- Magenta (9%)
- Yellow (0%)
- Black (20%)



- Cyan (54%)
- Magenta (28%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75B8CB 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 75B8CB by changing the saturation by 10% instead.

 75B8CB

 75B8CB

FFFFFF

 5A9DB0

 ADF0FF

 3E8395

 C9FFFF

 1F6A7B

 E6FFFF

 005162

 003A4A

 002434

 000A1F

 000002

 000000

 75B8CB

 75B8CB

 61B4CB

 89BCCB

 4CAFCB

 9EC1CB

 38ABCB

 B2C5CB

 24A6CB

 C6CACB

 10A2CB

 DBCECB

 009ECB

 EFD3CB

 FFD7CB

 FFDCCB

 FFE0CB

Harmonies

Analogous

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



75BAB8



75B8CB



88B3D6

Triad

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



75B8CB



D2A0BA



B3B085

Complementary

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



75B8CB



CB8875

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.



C8A986



75B8CB



D99FA4

Square

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



75B8CB



BEA5CC



D5A391



9BB690

Rectangle

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



75B8CB



9AAFD8



D5A391



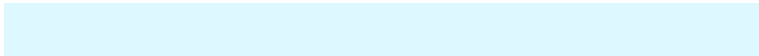
BAAE84

Sweetspot

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



75B8CB



DEF8FF



75CB88



6B7B80



000000



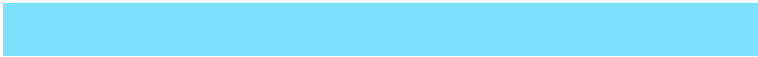
808080

Same Dimension

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



75B8CB



7DE2FF



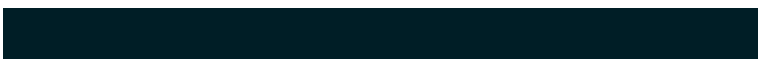
758DCB



5C6466



0081A6



001E26

Inverse Universe

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



CB75B8



FF7DE2



CBB375



665C64



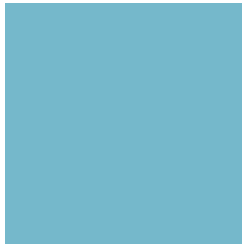
A60081



26001E

Previews

White Background



This preview shows how the Hex color 75B8CB looks on a white background.

Color Contrast Check

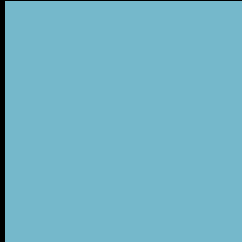
Large Text (above 18pt) WCAG AA × Fail

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 75B8CB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

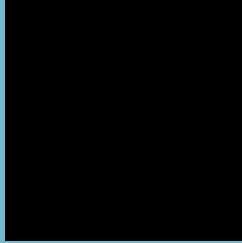
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

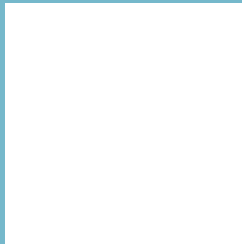
Any Text WCAG AAA ✓ Pass

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

Hex 75B8CB Background



This preview shows how black text looks on a background with the Hex color 75B8CB.

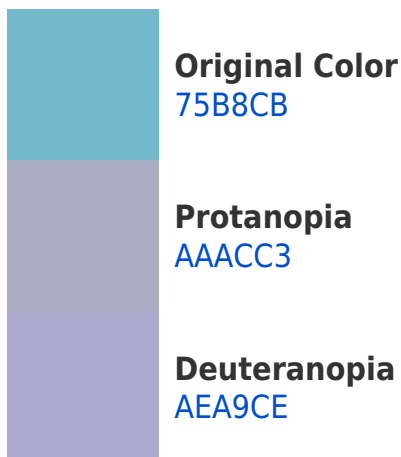


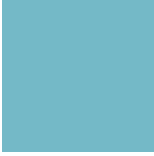
This preview shows how white text looks on a background with the Hex color 75B8CB.

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](#).

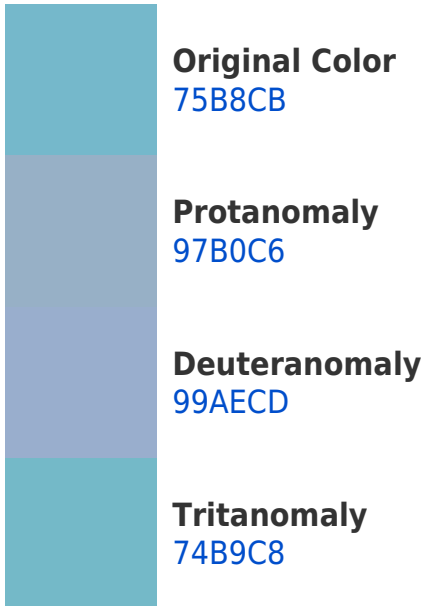
Dichromacy



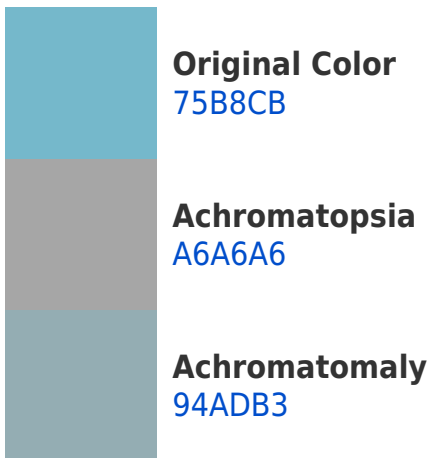


Tritanopia
74B9C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 75B8CB 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 #75B8CB looks like.

```
.text, #text, p{  
    color:#75B8CB  
}
```

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 #75B8CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75B8CB
}
```

Border

The CSS property to change the border of an element to Hex 75B8CB 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
#75B8CB }
```

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

```
.border{ border-color:#75B8CB }
```

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

Here you see how a box with a 4 pixel #75B8CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75B8CB; -webkit-box-shadow:4px 4px  
4px 4px #75B8CB; box-shadow:4px 4px 4px  
4px #75B8CB }
```

Background

The CSS property to change the background color of an element to Hex 75B8CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75B8CB }
```

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

```
.background{ background-color:#75B8CB }
```

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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