

# Converting Colors

Hex(75B4C0)

Have a look what the booklet for  
Hex(75B4C0) contains.

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**Color**

**Hex(75B4C0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	75B4C0
RGB	117, 180, 192
RGB Percent	46%, 71%, 75%
CMY	0.5412, 0.2941, 0.2471
CMYK	0.39, 0.06, 0.00, 0.25
HSL	190°, 37%, 61%
HSV	190°, 39%, 75%
XYZ	33.1718, 40.2302, 55.8860
YIQ	162.5310, -41.4000, -9.6240

# Conversions

## Conversions Part 2

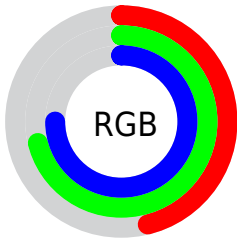
Format	Color
<b>RYB</b>	117, 151, 192
Decimal	7713984
CIELab	69.63, -17.08, -12.49
CIElCh	70, 21.157, 216.176
Yxy	40.2302, 0.2566, 0.3112
Android (android.graphics.Color)	4285904064 (0xFF75B4C0)
YUV	162.5310, 14.5282, -39.9307
Hunter-Lab	63.4273, -17.6441, -7.8416

# Details

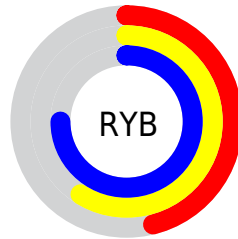
The Hex color **75B4C0** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C08175**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **ACECF8**, and **3F7F8B** is the 20% darker color. If you saturate the color by 10%, you get **62B1C0**, and if you desaturate by 10%, it is **88B7C0**.

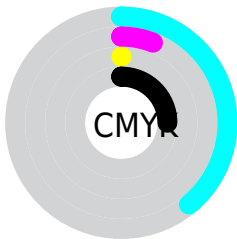
# Distribution



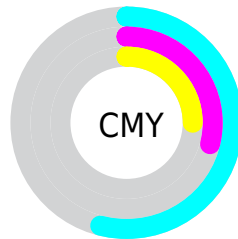
- Red (46%)
- Green (71%)
- Blue (75%)



- Red (46%)
- Yellow (59%)
- Blue (75%)



- Cyan (39%)
- Magenta (6%)
- Yellow (0%)
- Black (25%)



- Cyan (54%)
- Magenta (29%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 75B4C0 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 75B4C0 by changing the saturation by 10% instead.



 75B4C0

 75B4C0

FFFFFF

 5A99A5

 ACECF8

 3F7F8B

 C8FFFF

 226671

 E5FFFF

 004E59

 003741

 00212B

 000117

 000000

 75B4C0

 75B4C0

62B1C0

88B7C0

4FAEC0

9BBAC0

3BABC0

AFBDC0

28A8C0

C2C0C0

15A5C0

D5C3C0

02A2C0

E8C6C0

00A1C0

FBCAC0

FFCDC0

FFD0C0

# Harmonies

## Analogous

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



79B5AD



75B4C0



81B0CD

# Triad

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



75B4C0



C69EBA



B5AA84

# Complementary

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



75B4C0



C08175

# 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.



C6A488



75B4C0



D19CA7

# Square

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



75B4C0



B2A4C9



D09E94



9FB08B

# Rectangle

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



75B4C0



90ADD0



D09E94



BBA884

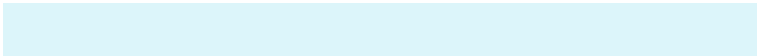


# Sweetspot

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



75B4C0



DCF5FA



75C080



6B7A7D



FCFCFC



7D7D7D



# Same Dimension

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



75B4C0



84E7FA



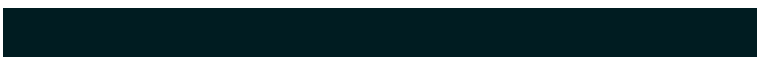
758FC0



575F61



0087A1



001C21



# Inverse Universe

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



C075B4



FA84E7



C0A675



61575F



A10087

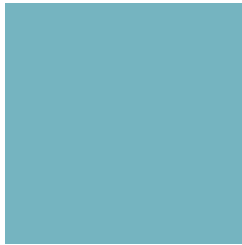


21001C



# Previews

## White Background



This preview shows how the Hex color 75B4C0 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 75B4C0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

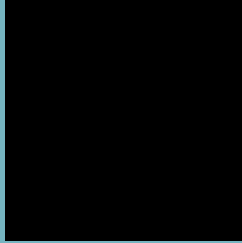
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 75B4C0 Background



This preview shows how black text looks on a background with the Hex color 75B4C0.

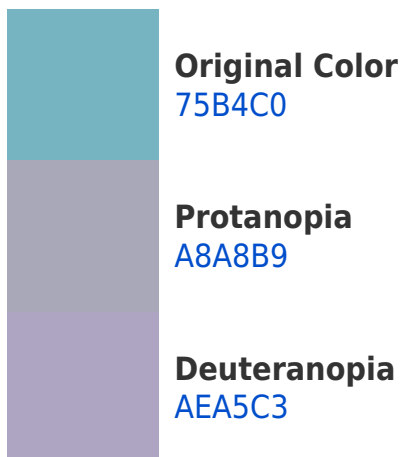


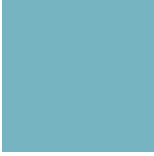
This preview shows how white text looks on a background with the Hex color 75B4C0.

# 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](#).

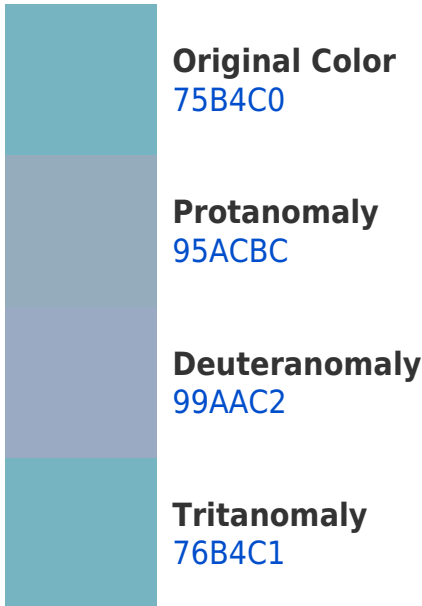
## Dichromacy



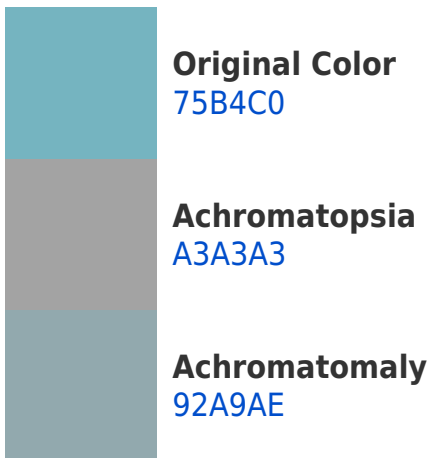


**Tritanopia**  
76B4C2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 75B4C0 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 #75B4C0 looks like.

```
.text, #text, p{  
    color:#75B4C0  
}
```

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 #75B4C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75B4C0
}
```

## Border

The CSS property to change the border of an element to Hex 75B4C0 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
#75B4C0 }
```

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

```
.border{ border-color:#75B4C0 }
```

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

Here you see how a box with a 4 pixel #75B4C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75B4C0; -webkit-box-shadow:4px 4px  
4px 4px #75B4C0; box-shadow:4px 4px 4px  
4px #75B4C0 }
```

# Background

The CSS property to change the background color of an element to Hex 75B4C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75B4C0 }
```

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

```
.background{ background-color:#75B4C0 }
```

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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