

# Converting Colors

Hex(75B0B0)

Have a look what the booklet for  
Hex(75B0B0) contains.

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# **Color**

**Hex(75B0B0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	75B0B0
RGB	117, 176, 176
RGB Percent	46%, 69%, 69%
CMY	0.5412, 0.3098, 0.3098
CMYK	0.34, 0.00, 0.00, 0.31
HSL	180°, 27%, 57%
HSV	180°, 34%, 69%
XYZ	30.6979, 37.9672, 46.7847
YIQ	158.3590, -35.1640, -12.5080

# Conversions

## Conversions Part 2

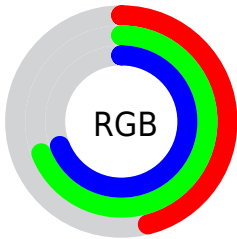
<b>Format</b>	<b>Color</b>
<b>RYB</b>	117, 147, 176
Decimal	7712944
CIELab	68.00, -19.00, -6.10
CIELCh	68, 19.956, 197.792
Yxy	37.9672, 0.2659, 0.3289
Android (android.graphics.Color)	4285903024 (0xFF75B0B0)
YUV	158.3590, 8.6970, -36.2718
Hunter-Lab	61.6175, -18.9017, -1.8853

# Details

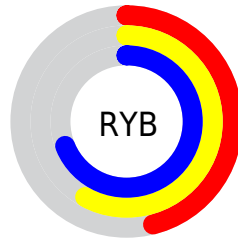
The Hex color **75B0B0** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B07575**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **ABE8E8**, and **417B7C** is the 20% darker color. If you saturate the color by 10%, you get **63B0B0**, and if you desaturate by 10%, it is **87B0B0**.

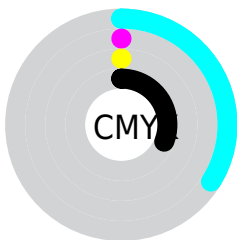
# Distribution



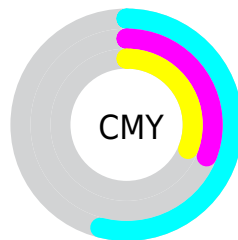
- Red (46%)
- Green (69%)
- Blue (69%)



- Red (46%)
- Yellow (58%)
- Blue (69%)



- Cyan (34%)
- Magenta (0%)
- Yellow (0%)
- Black (31%)



- Cyan (54%)
- Magenta (31%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 75B0B0 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 75B0B0 by changing the saturation by 10% instead.





75B0B0



75B0B0

FFFFFF



5B9595



ABE8E8



417B7C



C7FFFF



266263



E4FFFF



044A4B



003334



001F1F



000006



000000



75B0B0



75B0B0

 63B0B0

 87B0B0

 52B0B0

 98B0B0

 40B0B0

 AAB0B0

 2FB0B0

 BBB0B0

 1DB0B0

 CDB0B0

 0BB0B0

 DFB0B0

 00B0B0

 F0B0B0

 FFB0B0

# Harmonies

## Analogous

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



81B09D



75B0B0



77AEC0

# Triad

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



75B0B0



B69EBE



BAA283

# Complementary

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



75B0B0



B07575

# 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.



C79C8C



75B0B0



C59AAE

# Square

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



75B0B0



9FA4C8



CB999B



A8A883

# Rectangle

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



75B0B0



81ABC6



CB999B



BFA085



# Sweetspot

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



75B0B0



CFE6E6



75B075



657373



F2F2F2



737373



# Same Dimension

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



75B0B0



8AE6E6



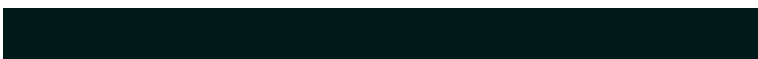
7593B0



505959



009999



001A1A



# Inverse Universe

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



B075B0



E68AE6



B09375



595059



990099

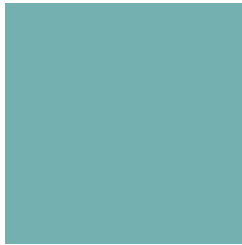


1A001A



# Previews

## White Background



This preview shows how the Hex color 75B0B0 looks on a white background.

## Color Contrast Check

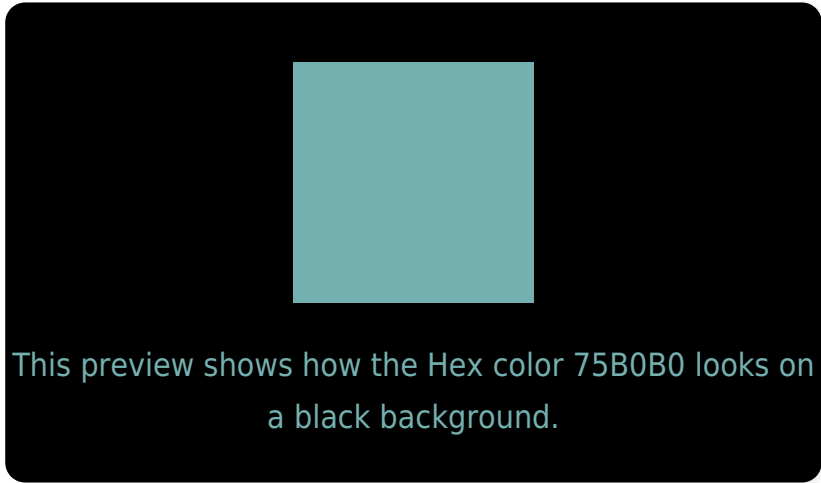
Large Text (above 18pt) WCAG AA × Fail

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

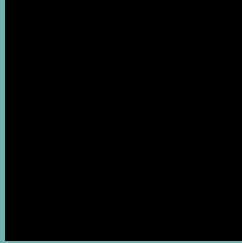
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

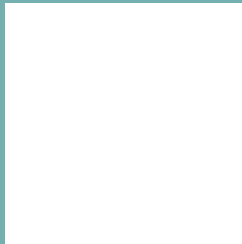
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 75B0B0 Background



This preview shows how black text looks on a background with the Hex color 75B0B0.

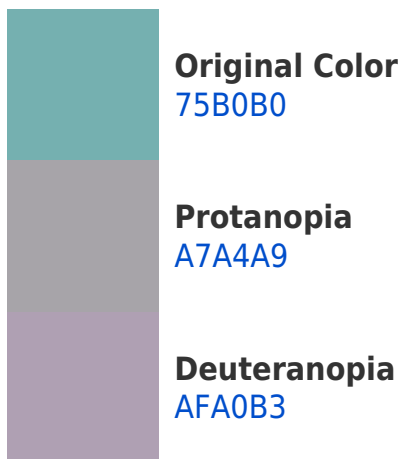


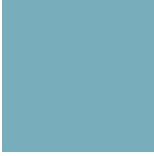
This preview shows how white text looks on a background with the Hex color 75B0B0.

# 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](#).

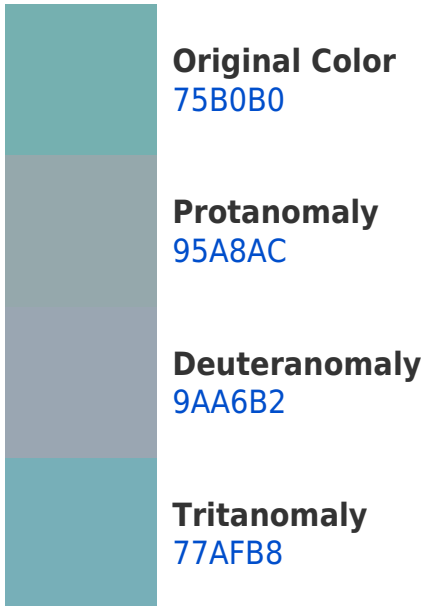
## Dichromacy



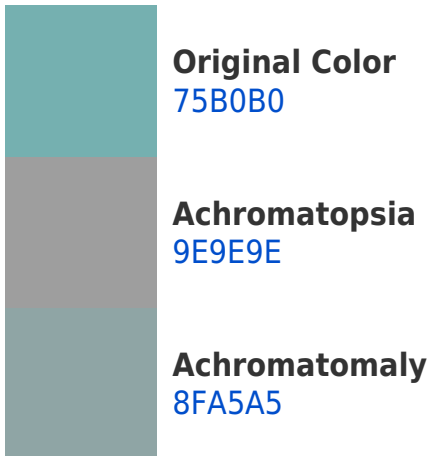


**Tritanopia**  
78AEBC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 75B0B0 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 #75B0B0 looks like.

```
.text, #text, p{  
    color:#75B0B0  
}
```

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 #75B0B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75B0B0
}
```

## Border

The CSS property to change the border of an element to Hex 75B0B0 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
#75B0B0 }
```

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

```
.border{ border-color:#75B0B0 }
```

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

Here you see how a box with a 4 pixel #75B0B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75B0B0; -webkit-box-shadow:4px 4px  
4px 4px #75B0B0; box-shadow:4px 4px 4px  
4px #75B0B0 }
```

# Background

The CSS property to change the background color of an element to Hex 75B0B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75B0B0 }
```

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

```
.background{ background-color:#75B0B0 }
```

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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