

# Converting Colors

Hex(75B7C4)

Have a look what the booklet for  
Hex(75B7C4) contains.

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**Color**

**Hex(75B7C4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	75B7C4
RGB	117, 183, 196
RGB Percent	46%, 72%, 77%
CMY	0.5412, 0.2824, 0.2314
CMYK	0.40, 0.07, 0.00, 0.23
HSL	190°, 40%, 61%
HSV	190°, 40%, 77%
XYZ	34.2334, 41.6344, 58.4565
YIQ	164.7480, -43.5090, -9.9490

# Conversions

## Conversions Part 2

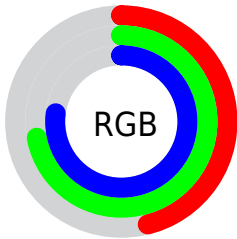
Format	Color
<a href="#">RYB</a>	<a href="#">117, 153, 196</a>
Decimal	<a href="#">7714756</a>
CIELab	<a href="#">70.62, -17.61, -13.21</a>
CIElCh	<a href="#">71, 22.011, 216.876</a>
Yxy	<a href="#">41.6344, 0.2549, 0.3100</a>
Android (android.graphics.Color)	<a href="#">4285904836 (0xFF75B7C4)</a>
YUV	<a href="#">164.7480, 15.4072, -41.8750</a>
Hunter-Lab	<a href="#">64.5247, -18.2156, -8.5468</a>

# Details

The Hex color **75B7C4** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C48275**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **ACEFFD**, and **3E828E** is the 20% darker color. If you saturate the color by 10%, you get **61B4C4**, and if you desaturate by 10%, it is **89BAC4**.

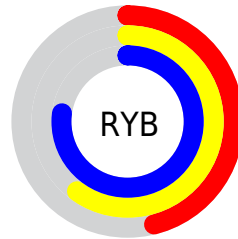
# Distribution



Red (46%)

Green (72%)

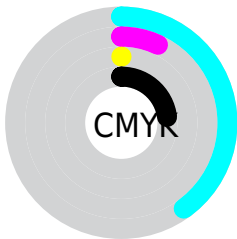
Blue (77%)



Red (46%)

Yellow (60%)

Blue (77%)

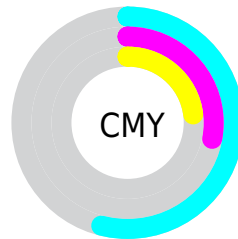


Cyan (40%)

Magenta (7%)

Yellow (0%)

Black (23%)



Cyan (54%)

Magenta (28%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 75B7C4 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 75B7C4 by changing the saturation by 10% instead.



 75B7C4

 75B7C4

FFFFFF

 5A9CA9

 ACEFFD

 3E828E

 C9FFFF

 216975

 E6FFFF

 00505C

 003945

 00232E

 00061A

 000000

 75B7C4

 75B7C4

61B4C4

89BAC4

4EB1C4

9CBDC4

3AADC4

B0C1C4

27AAC4

C3C4C4

13A7C4

D7C7C4

00A4C4

EBCAC4

FECEC4

FFD1C4

FFD4C4

# Harmonies

## Analogous

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



79B8B1



75B7C4



82B3D1

# Triad

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



75B7C4



CBA1BD



B7AD85

# Complementary

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



75B7C4



C48275

# 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.



CAA689



75B7C4



D59EA9

# Square

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



75B7C4



B6A6CD



D4A196



A1B38C

# Rectangle

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



75B7C4



92AFD4



D4A196



BEAB85



# Sweetspot

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



75B7C4



E0FAFF



75C481



6E7D80



000000



808080

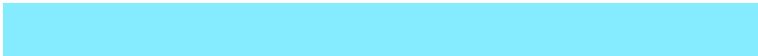


# Same Dimension

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



75B7C4



85EBFF



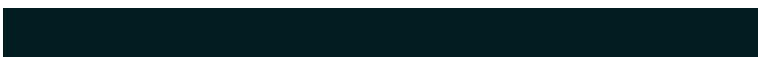
7591C4



575F61



0086A1



001C21



# Inverse Universe

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



C475B7



FF85EB



C4A875



61575F



A10086

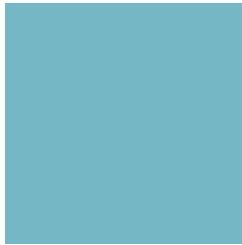


21001C



# Previews

## White Background



This preview shows how the Hex color 75B7C4 looks on a white background.

## Color Contrast Check

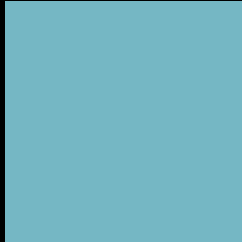
Large Text (above 18pt) WCAG AA × Fail

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 75B7C4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

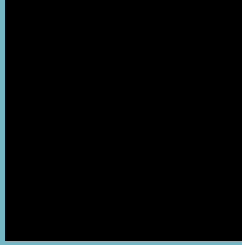
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 75B7C4 Background



This preview shows how black text looks on a background with the Hex color 75B7C4.

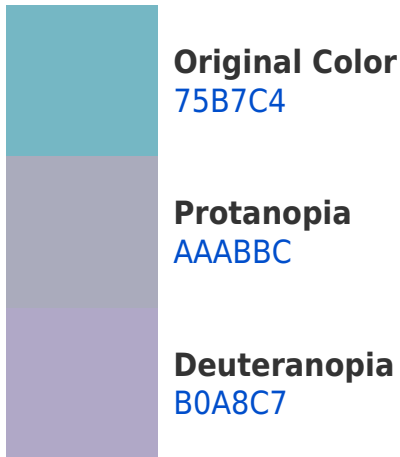


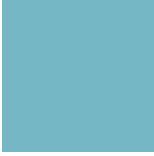
This preview shows how white text looks on a background with the Hex color 75B7C4.

# 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



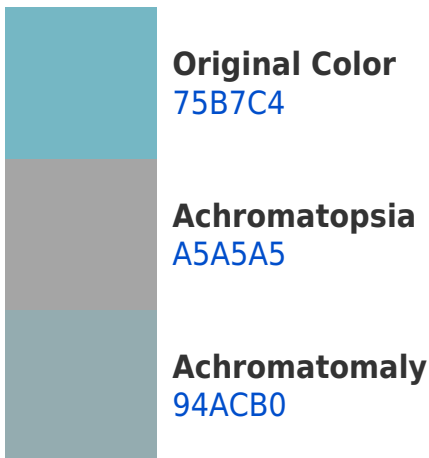


**Tritanopia**  
75B7C5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 75B7C4 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 #75B7C4 looks like.

```
.text, #text, p{  
    color:#75B7C4  
}
```

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 #75B7C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75B7C4
}
```

## Border

The CSS property to change the border of an element to Hex 75B7C4 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
#75B7C4 }
```

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

```
.border{ border-color:#75B7C4 }
```

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

Here you see how a box with a 4 pixel #75B7C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75B7C4; -webkit-box-shadow:4px 4px  
4px 4px #75B7C4; box-shadow:4px 4px 4px  
4px #75B7C4 }
```

# Background

The CSS property to change the background color of an element to Hex 75B7C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75B7C4 }
```

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

```
.background{ background-color:#75B7C4 }
```

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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