

# Converting Colors

Hex(75B7B2)

Have a look what the booklet for  
Hex(75B7B2) contains.

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**Color**

**Hex(75B7B2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	75B7B2
RGB	117, 183, 178
RGB Percent	46%, 72%, 70%
CMY	0.5412, 0.2824, 0.3020
CMYK	0.36, 0.00, 0.03, 0.28
HSL	175°, 31%, 59%
HSV	175°, 36%, 72%
XYZ	32.3055, 40.8632, 48.3042
YIQ	162.6960, -37.7310, -15.5470

# Conversions

## Conversions Part 2

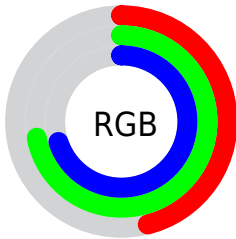
Format	Color
<a href="#">RYB</a>	<a href="#">117, 151, 183</a>
Decimal	<a href="#">7714738</a>
CIELab	<a href="#">70.08, -22.10, -4.12</a>
CIElCh	<a href="#">70, 22.477, 190.567</a>
Yxy	<a href="#">40.8632, 0.2659, 0.3364</a>
Android (android.graphics.Color)	<a href="#">4285904818 (0xFF75B7B2)</a>
YUV	<a href="#">162.6960, 7.5449, -40.0754</a>
Hunter-Lab	<a href="#">63.9244, -21.6590, -0.0552</a>

# Details

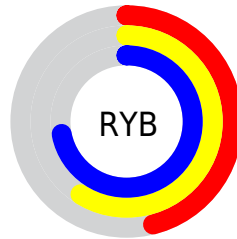
The Hex color **75B7B2** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **B7757A**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **ACEFEA**, and **40827D** is the 20% darker color. If you saturate the color by 10%, you get **63B7B1**, and if you desaturate by 10%, it is **87B7B3**.

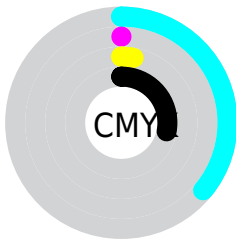
# Distribution



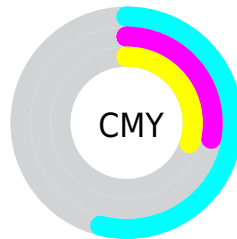
- Red (46%)
- Green (72%)
- Blue (70%)



- Red (46%)
- Yellow (59%)
- Blue (72%)



- Cyan (36%)
- Magenta (0%)
- Yellow (3%)
- Black (28%)



- Cyan (54%)
- Magenta (28%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 75B7B2 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 75B7B2 by changing the saturation by 10% instead.



 75B7B2

 75B7B2

FFFFFF

 5A9C97

 ACEFEA

 40827D

 C8FFFF

 246865

 E5FFFF

 00504D

 003936

 002321

 00010A

 000000

 75B7B2

 75B7B2

63B7B1

87B7B3

50B7AF

9AB7B5

3EB7AE

ACB7B6

2CB7AC

BEB7B8

1AB7AB

D1B7B9

07B7AA

E3B7BA

00B7A9

F5B7BC

FFB7BD

FFB7BE

# Harmonies

## Analogous

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



86B69D



75B7B2



73B5C5

# Triad

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



75B7B2



B8A4CA



C7A585

# Complementary

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



75B7B2



B7757A

# 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.



D3A092



75B7B2



CC9EB9

# Square

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



75B7B2



9DABD3



D59DA5



B3AC83

# Rectangle

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



75B7B2



7BB3CE



D59DA5



CCA388



# Sweetspot

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



75B7B2



D3EDEB



7AB775



687877



F7F7F7



787878



# Same Dimension

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



75B7B2



87EDE5



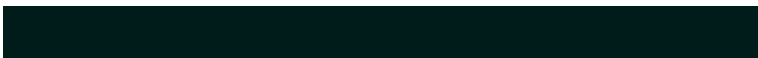
759CB7



535C5B



009C90



001C1A



# Inverse Universe

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



B7757A



ED878F



B79175



5C5353



9C000C

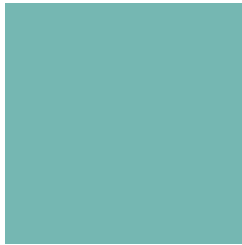


1C0002



# Previews

## White Background



This preview shows how the Hex color 75B7B2 looks on a white background.

## Color Contrast Check

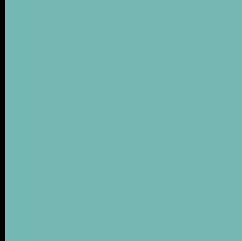
Large Text (above 18pt) WCAG AA × Fail

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 75B7B2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

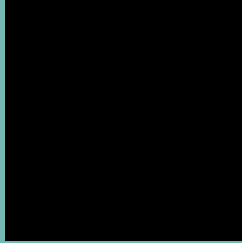
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

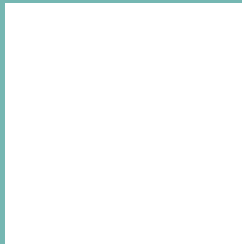
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 75B7B2 Background



This preview shows how black text looks on a background with the Hex color 75B7B2.

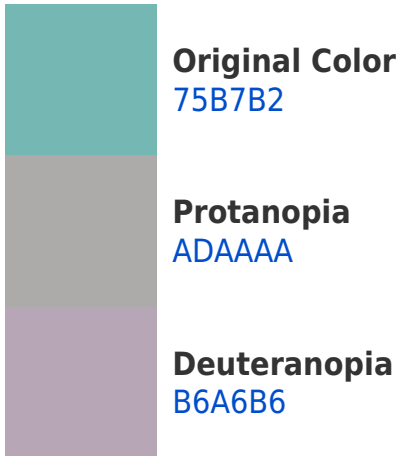


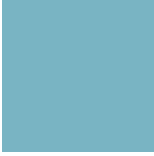
This preview shows how white text looks on a background with the Hex color 75B7B2.

# 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](#).

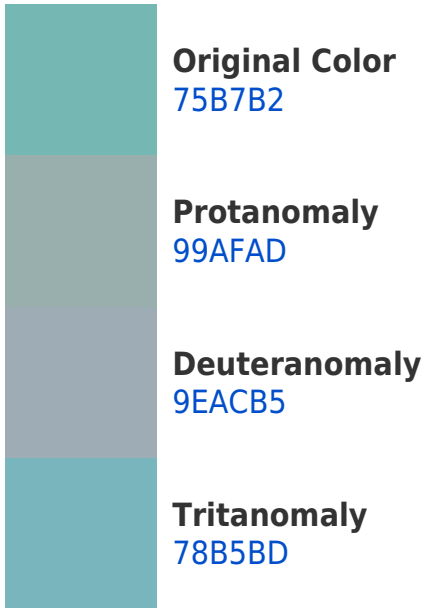
## Dichromacy



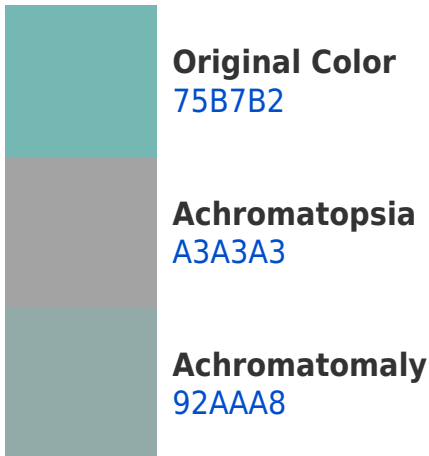


**Tritanopia**  
79B4C3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 75B7B2 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 #75B7B2 looks like.

```
.text, #text, p{  
    color:#75B7B2  
}
```

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 #75B7B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75B7B2
}
```

## Border

The CSS property to change the border of an element to Hex 75B7B2 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
#75B7B2 }
```

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

```
.border{ border-color:#75B7B2 }
```

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

Here you see how a box with a 4 pixel #75B7B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75B7B2; -webkit-box-shadow:4px 4px  
4px 4px #75B7B2; box-shadow:4px 4px 4px  
4px #75B7B2 }
```

# Background

The CSS property to change the background color of an element to Hex 75B7B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75B7B2 }
```

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

```
.background{ background-color:#75B7B2 }
```

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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