

# Converting Colors

Hex(7CBAAF)

Have a look what the booklet for  
Hex(7CBAAF) contains.

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# **Color**

**Hex(7CBAAF)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 7CBAAF                       |
| RGB         | 124, 186, 175                |
| RGB Percent | 49%, 73%, 69%                |
| CMY         | 0.5137, 0.2706, 0.3137       |
| CMYK        | 0.33, 0.00, 0.06, 0.27       |
| HSL         | 169°, 31%, 61%               |
| HSV         | 169°, 33%, 73%               |
| XYZ         | 33.6089, 42.4980, 46.9890    |
| YIQ         | 166.2080, -33.4210, -16.5650 |

# Conversions

## Conversions Part 2

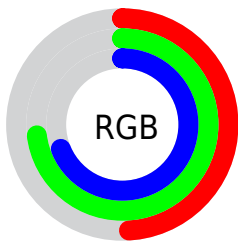
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 124, 158, 186                 |
| Decimal                             | 8174255                       |
| CIELab                              | 71.21, -22.35, -0.77          |
| CIELCh                              | 71, 22.361, 181.977           |
| Yxy                                 | 42.4980, 0.2730,<br>0.3452    |
| Android<br>(android.graphics.Color) | 4286364335<br>(0xFF7CBAAF)    |
| YUV                                 | 166.2080, 4.3345,<br>-37.0164 |
| Hunter-Lab                          | 65.1905, -22.0578,<br>2.8974  |

# Details

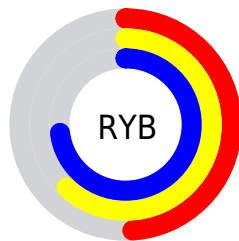
The Hex color **7CBAAF** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **BA7C87**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **B3F2E6**, and **48857B** is the 20% darker color. If you saturate the color by 10%, you get **69BAAC**, and if you desaturate by 10%, it is **8FBAB2**.

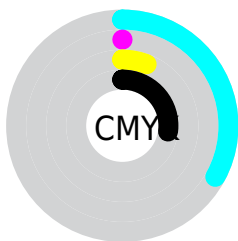
# Distribution



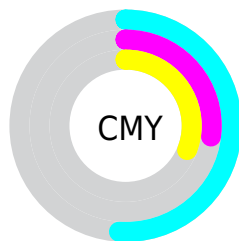
- Red (49%)
- Green (73%)
- Blue (69%)



- Red (49%)
- Yellow (62%)
- Blue (73%)



- Cyan (33%)
- Magenta (0%)
- Yellow (6%)
- Black (27%)



- Cyan (51%)
- Magenta (27%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7CBAAF 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 7CBAAF by changing the saturation by 10% instead.



 7CBAAF

 7CBAAF

FFFFFF

 629F94

 B3F2E6

 48857B

 CFFFFFF

 2E6B62

 EBFFFF

 10534A

 003B34

 00251E

 000906

 000000

 7CBAAF

 7CBAAF

69BAAC

8FBAB2

57BAA8

A1BAB6

44BAA5

B4BAB9

32BAA2

C6BABC

1FBA9F

D9BAC0

0CBA9B

ECBAC3

00BA99

FEBAC6

FFBAC9

FFBACD

# Harmonies

## Analogous

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



8FB89B



7CBAAF



75B9C3

# Triad

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



7CBAAF



B4A9D1



CEA78B

# Complementary

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



7CBAAF



BA7C87

# 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.



D8A19A



7CBAAF



CAA3C2

# Square

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



7CBAAF



98B0D7



D7A0AE



BCAD86

# Rectangle

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



7CBAAF



7AB7CE



D7A0AE



D2A58F



# Sweetspot

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



7CBAAF



DAF2EE



87BA7C



6C7A78



FAFAFA



7A7A7A



# Same Dimension

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



7CBAAF



91F2E1



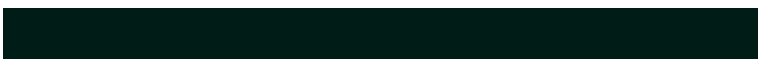
7CA6BA



535C5A



009C80



001C17



# Inverse Universe

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



BA7C87



F291A3



BA907C



5C5354



9C001C

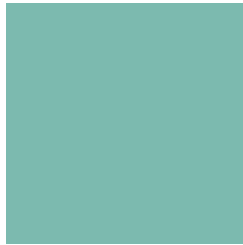


1C0005



# Previews

## White Background



This preview shows how the Hex color 7CBAAF looks on a white background.

## Color Contrast Check

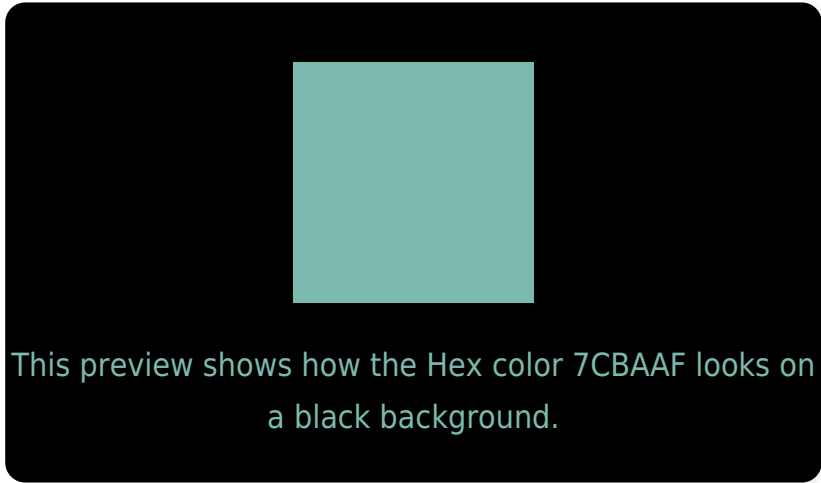
Large Text (above 18pt) WCAG AA × Fail

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

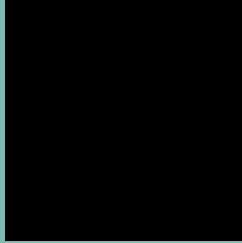
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

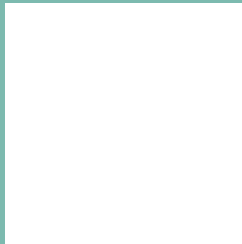
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7CBAAF Background



This preview shows how black text looks on a background with the Hex color 7CBAAF.

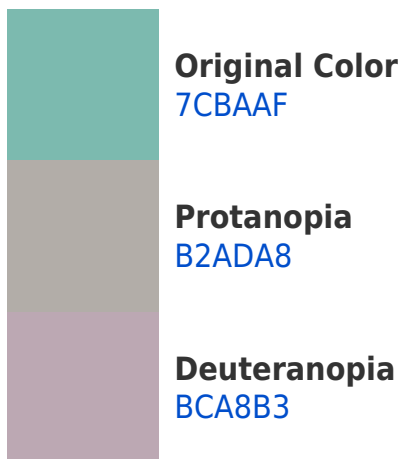


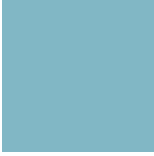
This preview shows how white text looks on a background with the Hex color 7CBAAF.

# 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](#).

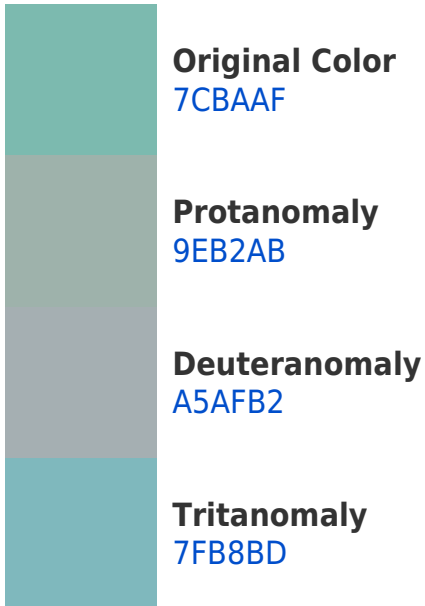
## Dichromacy



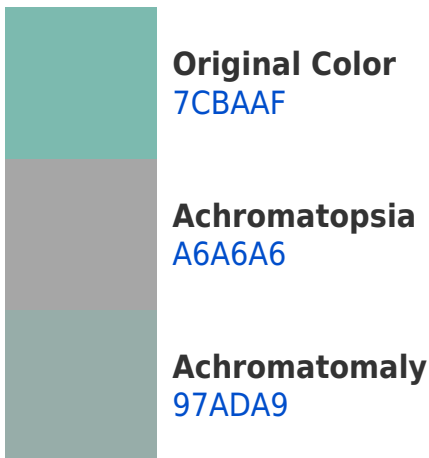


**Tritanopia**  
81B7C5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7CBAAF 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 #7CBAAF looks like.

```
.text, #text, p{  
    color:#7CBAAF  
}
```

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 #7CBAAF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CBAAF
}
```

## Border

The CSS property to change the border of an element to Hex 7CBAAF 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
#7CBAAF }
```

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

```
.border{ border-color:#7CBAAF }
```

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

Here you see how a box with a 4 pixel #7CBAAF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CBAAF; -webkit-box-shadow:4px 4px  
4px 4px #7CBAAF; box-shadow:4px 4px 4px  
4px #7CBAAF }
```

# Background

The CSS property to change the background color of an element to Hex 7CBAAF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CBAAF }
```

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

```
.background{ background-color:#7CBAAF }
```

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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