

# Converting Colors

Hex(4CBAAE)

Have a look what the booklet for  
Hex(4CBAAE) contains.

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# Color

**Hex(4CBAAE)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 4CBAAE                       |
| RGB         | 76, 186, 174                 |
| RGB Percent | 30%, 73%, 68%                |
| CMY         | 0.7020, 0.2706, 0.3176       |
| CMYK        | 0.59, 0.00, 0.06, 0.27       |
| HSL         | 173°, 44%, 51%               |
| HSV         | 173°, 59%, 73%               |
| XYZ         | 28.1794, 39.7103, 46.2240    |
| YIQ         | 151.7420, -61.7080, -27.0520 |

# Conversions

## Conversions Part 2

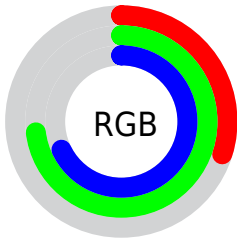
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 76, 134, 186                   |
| Decimal                             | 5028526                        |
| CIELab                              | 69.26, -34.11, -3.31           |
| CIELCh                              | 69, 34.270, 185.541            |
| Yxy                                 | 39.7103, 0.2469,<br>0.3480     |
| Android<br>(android.graphics.Color) | 4283218606<br>(0xFF4CBAAE)     |
| YUV                                 | 151.7420, 10.9732,<br>-66.4257 |
| Hunter-Lab                          | 63.0161, -30.4570,<br>0.6204   |

# Details

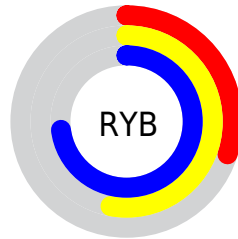
The Hex color **4CBAAE** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **BA4C58**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **87F3E5**, and **00847A** is the 20% darker color. If you saturate the color by 10%, you get **39BAAC**, and if you desaturate by 10%, it is **5FBAB0**.

# Distribution



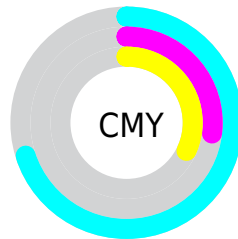
- Red (30%)
- Green (73%)
- Blue (68%)



- Red (30%)
- Yellow (53%)
- Blue (73%)



- Cyan (59%)
- Magenta (0%)
- Yellow (6%)
- Black (27%)



- Cyan (70%)
- Magenta (27%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4CBAAE 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 4CBAAE by changing the saturation by 10% instead.



 4CBAAE

 4CBAAE

FFFFFF

 2A9F93

 87F3E5

 00847A

 A4FFFF

 006B61

 C2FFFF

 005249

 DFFFFF

 003A33

 FDFFFF

 00251E

 000005

 000000

 4CBAAE

 4CBAAE

39BAAC

5FBAB0

27BAAA

71BAB2

14BAA8

84BAB4

02BAA6

96BAB6

00BAA6

A9BAB8

BCBABA

CEBABC

E1BABE

F3BAC0

# Harmonies

## Analogous

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



72B88E



4CBAAE



38B9CC

# Triad

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



4CBAAE



B59FDC



D39E71

# Complementary

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



4CBAAE



BA4C58

# 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.



E49587



4CBAAE



D595C3

# Square

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



4CBAAE



87AAE7



E591A4



B9A96B

# Rectangle

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



4CBAAE



47B5DB



E591A4



DA9B77



# Sweetspot

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



4CBAAE



C7F2ED



59BA4C



5F7A77



FAFAFA



7A7A7A



# Same Dimension

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



4CBAAE



46F2DF



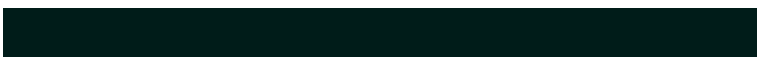
4C90BA



535C5B



009C8B



001C19



# Inverse Universe

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



BA4C58



F24659



BA764C



5C5354



9C0011

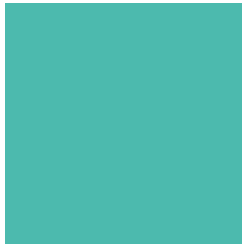


1C0003



# Previews

## White Background



This preview shows how the Hex color 4CBAAE looks on a white background.

## Color Contrast Check

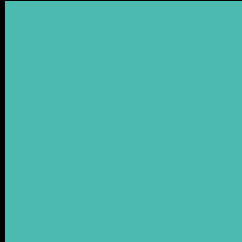
Large Text (above 18pt) WCAG AA × Fail

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 4CBAAE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

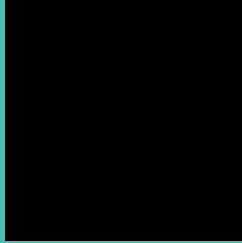
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

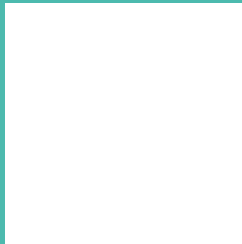
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4CBAAE Background



This preview shows how black text looks on a background with the Hex color 4CBAAE.

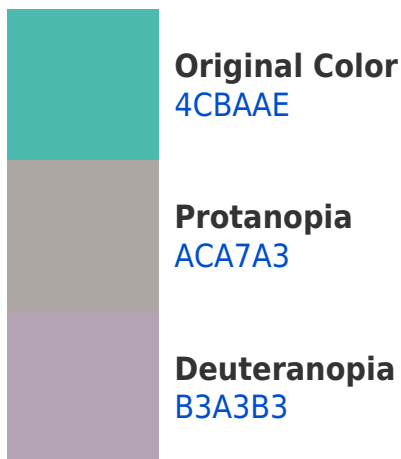


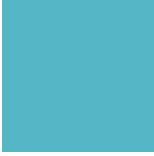
This preview shows how white text looks on a background with the Hex color 4CBAAE.

# 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



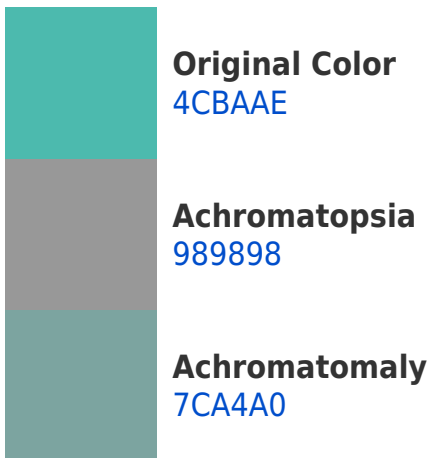


**Tritanopia**  
55B7C5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4CBAAE 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 #4CBAAE looks like.

```
.text, #text, p{  
    color:#4CBAAE  
}
```

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 #4CBAAE colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Hex 4CBAAE 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
#4CBAAE }
```

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

```
.border{ border-color:#4CBAAE }
```

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

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

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

# Background

The CSS property to change the background color of an element to Hex 4CBAAE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CBAAE }
```

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

```
.background{ background-color:#4CBAAE }
```

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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