

# Converting Colors

Hex(4BC0C4)

Have a look what the booklet for  
Hex(4BC0C4) contains.

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# Color

**Hex(4BC0C4)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 4BC0C4                       |
| RGB         | 75, 192, 196                 |
| RGB Percent | 29%, 75%, 77%                |
| CMY         | 0.7059, 0.2471, 0.2314       |
| CMYK        | 0.62, 0.02, 0.00, 0.23       |
| HSL         | 182°, 51%, 53%               |
| HSV         | 182°, 62%, 77%               |
| XYZ         | 31.7151, 43.1807, 58.8877    |
| YIQ         | 157.4730, -71.0160, -23.5600 |

# Conversions

## Conversions Part 2

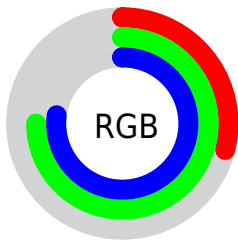
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">75, 134, 196</a>                                 |
| Decimal                             | <a href="#">4964548</a>                                      |
| CIELab                              | <a href="#">71.68, -31.12, -11.78</a>                        |
| CIELCh                              | <a href="#">72, 33.275, 200.735</a>                          |
| Yxy                                 | <a href="#">43.1807, 0.2371, 0.3228</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4283154628</a><br>( <a href="#">0xFF4BC0C4</a> ) |
| YUV                                 | <a href="#">157.4730, 18.9938, -72.3288</a>                  |
| Hunter-Lab                          | <a href="#">65.7120, -28.8451, -7.1342</a>                   |

# Details

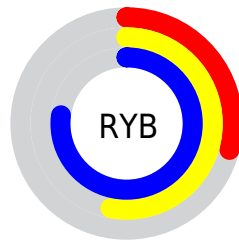
The Hex color **4BC0C4** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **C44F4B**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **89F9FD**, and **008A8E** is the 20% darker color. If you saturate the color by 10%, you get **37BFC4**, and if you desaturate by 10%, it is **5FC1C4**.

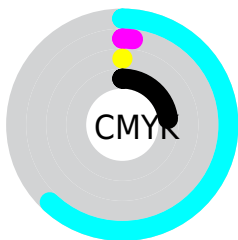
# Distribution



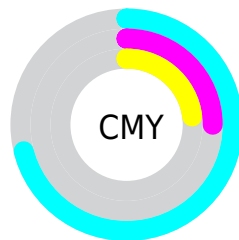
- Red (29%)
- Green (75%)
- Blue (77%)



- Red (29%)
- Yellow (53%)
- Blue (77%)



- Cyan (62%)
- Magenta (2%)
- Yellow (0%)
- Black (23%)



- Cyan (71%)
- Magenta (25%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4BC0C4 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 4BC0C4 by changing the saturation by 10% instead.



 4BC0C4

 4BC0C4

FFFFFF

 25A5A9

 89F9FD

 008A8E

 A6FFFF

 007075

 C4FFFF

 00575C

 E2FFFF

 003F45

 00292E

 000D1A

 000000

 4BC0C4

 4BC0C4

■ 37BFC4

■ 5FC1C4

■ 24BFC4

■ 72C1C4

■ 10BEC4

■ 86C2C4

■ 00BEC4

■ 99C3C4

■ ADC3C4

■ C1C4C4

■ D4C5C4

■ E8C5C4

■ FBC6C4

# Harmonies

## Analogous

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



68C0A5



4BC0C4



50BDDE

# Triad

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



4BC0C4



CDA1D6



CDA A74

# Complementary

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



4BC0C4



C44F4B

# 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.



E3A082



4BC0C4



E59ABA

# Square

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



4BC0C4



A6ABE8



EC9A9C



AFB476

# Rectangle

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



4BC0C4



69B8E8



EC9A9C



D6A777



# Sweetspot

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



4BC0C4



CFFDFE



4BC44D



627F80



000000



808080



# Same Dimension

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



4BC0C4



42F9FF



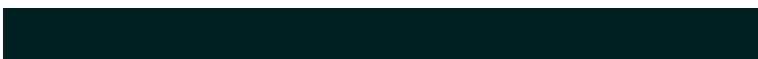
4B85C4



576161



009BA1



002021



# Inverse Universe

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



C44BC0



FF42F9



C48A4B



615761



A1009B

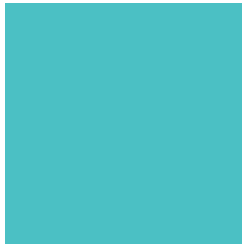


210020



# Previews

## White Background



This preview shows how the Hex color 4BC0C4 looks on a white background.

## Color Contrast Check

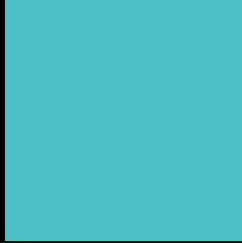
Large Text (above 18pt) WCAG AA × Fail

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 4BC0C4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

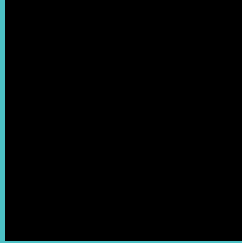
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

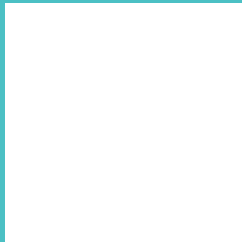
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4BC0C4 Background



This preview shows how black text looks on a background with the Hex color 4BC0C4.

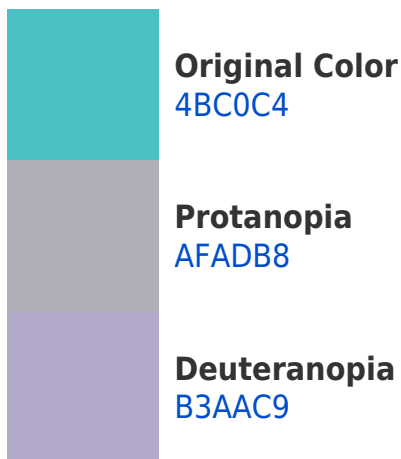


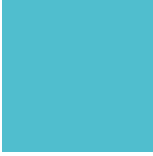
This preview shows how white text looks on a background with the Hex color 4BC0C4.

# Color Blindness Simulation

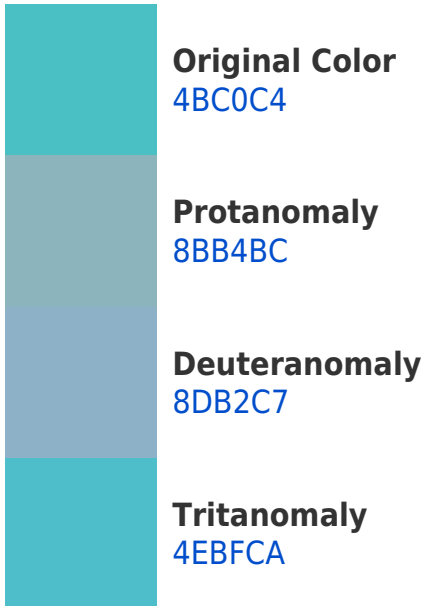
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

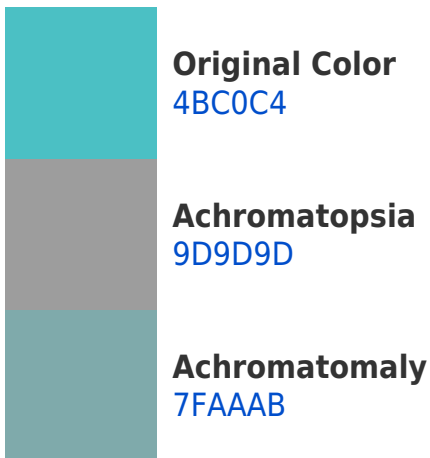




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4BC0C4 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 #4BC0C4 looks like.

```
.text, #text, p{  
    color:#4BC0C4  
}
```

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 #4BC0C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BC0C4
}
```

## Border

The CSS property to change the border of an element to Hex 4BC0C4 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
#4BC0C4 }
```

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

```
.border{ border-color:#4BC0C4 }
```

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

Here you see how a box with a 4 pixel #4BC0C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BC0C4; -webkit-box-shadow:4px 4px  
4px 4px #4BC0C4; box-shadow:4px 4px 4px  
4px #4BC0C4 }
```

# Background

The CSS property to change the background color of an element to Hex 4BC0C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BC0C4 }
```

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

```
.background{ background-color:#4BC0C4 }
```

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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