

# Converting Colors

Hex(4BC4DC)

Have a look what the booklet for  
Hex(4BC4DC) contains.

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# **Color**

**Hex(4BC4DC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4BC4DC
RGB	75, 196, 220
RGB Percent	29%, 77%, 86%
CMY	0.7059, 0.2314, 0.1373
CMYK	0.66, 0.11, 0.00, 0.14
HSL	190°, 67%, 58%
HSV	190°, 66%, 86%
XYZ	35.5598, 46.1430, 74.7424
YIQ	162.5570, -79.8200, -18.1880

# Conversions

## Conversions Part 2

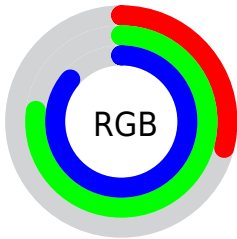
Format	Color
<a href="#">RYB</a>	<a href="#">75, 141, 220</a>
Decimal	<a href="#">4965596</a>
CIELab	<a href="#">73.64, -26.09, -21.88</a>
CIELCh	<a href="#">74, 34.048, 219.984</a>
Yxy	<a href="#">46.1430, 0.2273, 0.2949</a>
Android (android.graphics.Color)	<a href="#">4283155676 (0xFF4BC4DC)</a>
YUV	<a href="#">162.5570, 28.3194, -76.7875</a>
Hunter-Lab	<a href="#">67.9287, -25.4325, -17.6872</a>

# Details

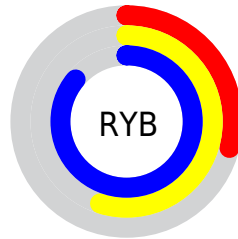
The Hex color **4BC4DC** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **DC634B**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **8BFDFF**, and **008EA5** is the 20% darker color. If you saturate the color by 10%, you get **35C0DC**, and if you desaturate by 10%, it is **61C8DC**.

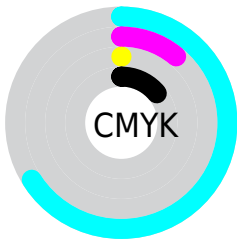
# Distribution



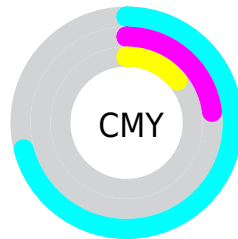
- Red (29%)
- Green (77%)
- Blue (86%)



- Red (29%)
- Yellow (55%)
- Blue (86%)



- Cyan (66%)
- Magenta (11%)
- Yellow (0%)
- Black (14%)



- Cyan (71%)
- Magenta (23%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4BC4DC 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 4BC4DC by changing the saturation by 10% instead.



 4BC4DC

 4BC4DC

FFFFFF

 21A9C0

 8BFDFF

 008EA5

 AAFFFF

 00748B

 C8FFFF

 005B71

 E6FFFF

 004359

 002D41

 00172B

 000116

 000000

 4BC4DC

 4BC4DC

 35C0DC

 61C8DC

 1FBDDC

 77CBDC

 09B9DC

 8DCFDC

 00B8DC

 A3D3DC

 B9D6DC

 CFDADC

 E5DDDC

 FBE1DC

 FFE5DC

# Harmonies

## Analogous

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



56C6BF



4BC4DC



6BBEEF

# Triad

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



4BC4DC



E5A0CB



C0B677

# Complementary

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



4BC4DC



DC634B

# 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.



DDAC7B



4BC4DC



F39DAB

# Square

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



4BC4DC



C6A9E5



EFA28E



9EBF84

# Rectangle

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



4BC4DC



8BB8F3



EFA28E



CAB376

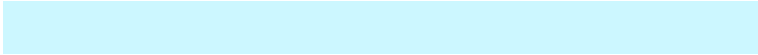


# Sweetspot

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



4BC4DC



CCF7FF



4BDC61



617A80



000000



808080



# Same Dimension

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



4BC4DC



36DEFF



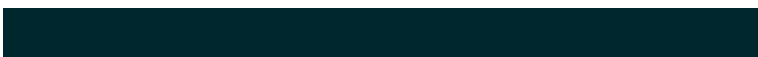
4B7EDC



636C6E



0091AD



00262E



# Inverse Universe

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



DC4BC4



FF36DE



DCA94B



6E636C



AD0091

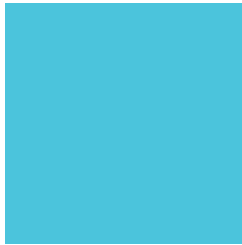


2E0026



# Previews

## White Background



This preview shows how the Hex color 4BC4DC looks on a white background.

## Color Contrast Check

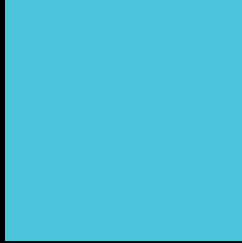
Large Text (above 18pt) WCAG AA × Fail

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 4BC4DC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

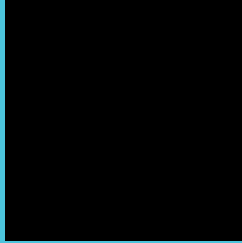
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 4BC4DC Background



This preview shows how black text looks on a background with the Hex color 4BC4DC.



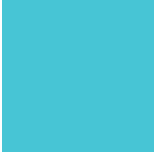
This preview shows how white text looks on a background with the Hex color 4BC4DC.

# 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](#).

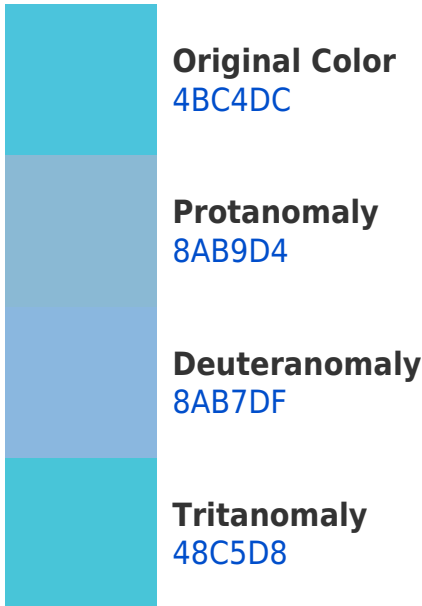
## Dichromacy



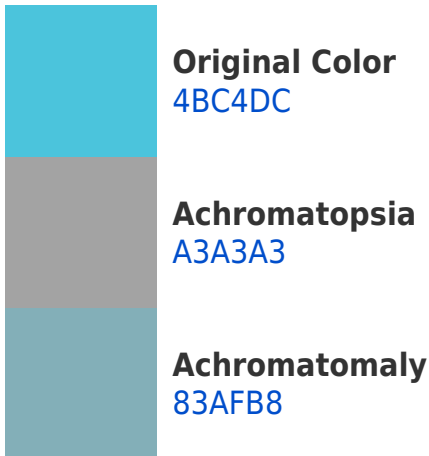


**Tritanopia**  
47C5D5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4BC4DC 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 #4BC4DC looks like.

```
.text, #text, p{  
    color:#4BC4DC  
}
```

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 #4BC4DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BC4DC
}
```

## Border

The CSS property to change the border of an element to Hex 4BC4DC 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
#4BC4DC }
```

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

```
.border{ border-color:#4BC4DC }
```

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

Here you see how a box with a 4 pixel #4BC4DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BC4DC; -webkit-box-shadow:4px 4px  
4px 4px #4BC4DC; box-shadow:4px 4px 4px  
4px #4BC4DC }
```

# Background

The CSS property to change the background color of an element to Hex 4BC4DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BC4DC }
```

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

```
.background{ background-color:#4BC4DC }
```

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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