

Converting Colors

Hex(4BCACC)

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

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Color

Hex(4BCACC)

Conversions

Conversions Part 1

Format	Color
Hex	4BCACC
RGB	75, 202, 204
RGB Percent	29%, 79%, 80%
CMY	0.7059, 0.2078, 0.2000
CMYK	0.63, 0.01, 0.00, 0.20
HSL	181°, 56%, 55%
HSV	181°, 63%, 80%
XYZ	34.9213, 48.0965, 64.5698
YIQ	164.2550, -76.3340, -26.3020

Conversions

Conversions Part 2

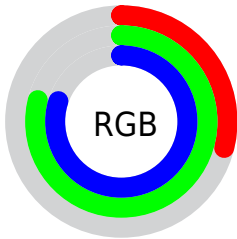
Format	Color
RYB	75, 139, 204
Decimal	4967116
CIELab	74.89, -33.64, -11.33
CIELCh	75, 35.493, 198.616
Yxy	48.0965, 0.2366, 0.3259
Android (android.graphics.Color)	4283157196 (0xFF4BCACC)
YUV	164.2550, 19.5943, -78.2766
Hunter-Lab	69.3517, -31.4837, -6.6557

Details

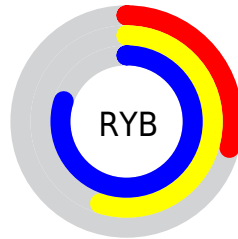
The Hex color **4BCACC** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **CC4D4B**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **8AFFFF**, and **009396** is the 20% darker color. If you saturate the color by 10%, you get **37CACC**, and if you desaturate by 10%, it is **5FCACC**.

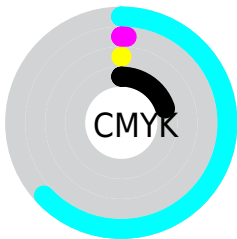
Distribution



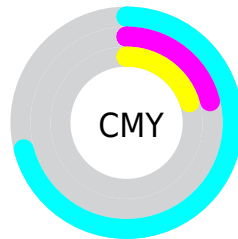
- Red (29%)
- Green (79%)
- Blue (80%)



- Red (29%)
- Yellow (55%)
- Blue (80%)



- Cyan (63%)
- Magenta (1%)
- Yellow (0%)
- Black (20%)



- Cyan (71%)
- Magenta (21%)
- Yellow (20%)

Brightness & Saturation Gradients

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

 4BCACC

 4BCACC

FFFFFF

 23AEB1

 8AFFFF

 009396

 A8FFFF

 00797C

 C6FFFF

 006063

 E5FFFF

 00474B

 003035

 001B20

 000006

 000000

 4BCACC

 4BCACC

 37CACC

 5FCACC

 22C9CC

 74CBCC

 0EC9CC

 88CBCC

 00C9CC

 9DCBCC

 B1CCCC

 C5CCCC

 DACCCC

 EECDC

 FFCDCC

Harmonies

Analogous

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



6DC9AA



4BCACC



4DC7E8

Triad

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



4BCACC



D5A9E4



DAB278

Complementary

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



4BCACC



CC4D4B

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.



F0A789



4BCACC



F0A1C6

Square

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



4BCACC



ABB4F6



F9A0A5



BABD7A

Rectangle

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



4BCACC



67C2F4



F9A0A5



E3AE7C

Sweetspot

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



4BCACC



CFFEFF



4BCC4B



627F80



000000



808080

Same Dimension

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



4BCACC



3DFCFF



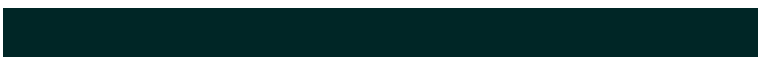
4B8CCC



5C6666



00A3A6



002626

Inverse Universe

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



CC4BCA



FF3DFC



CC8C4B



665C66



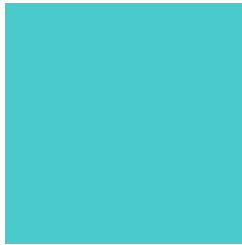
A600A3



260026

Previews

White Background



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

Color Contrast Check

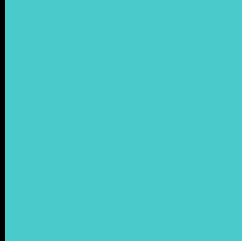
Large Text (above 18pt) WCAG AA × Fail

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 4BCACC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

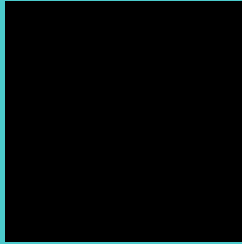
Any Text WCAG AA ✓ Pass

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 4BCACC Background



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



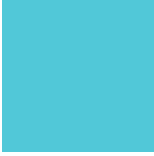
This preview shows how white text looks on a background with the Hex color 4BCACC.

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
51C8D8

Trichromacy



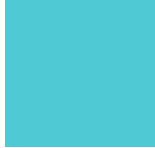
Original Color
4BCACC



Protanomaly
90BDC4



Deuteranomaly
93BBCF

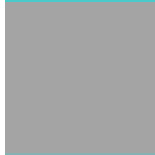


Tritanomaly
4FC9D4

Monochromacy



Original Color
4BCACC



Achromatopsia
A4A4A4



Achromatomaly
84B2B3

CSS Examples

Text

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

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

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 #4BCACC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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