

Converting Colors

Hex(4BDCAC)

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

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Color

Hex(4BDCAC)

Conversions

Conversions Part 1

Format	Color
Hex	4BDCAC
RGB	75, 220, 172
RGB Percent	29%, 86%, 67%
CMY	0.7059, 0.1373, 0.3255
CMYK	0.66, 0.00, 0.22, 0.14
HSL	160°, 67%, 58%
HSV	160°, 66%, 86%
XYZ	35.9412, 55.6608, 47.8790
YIQ	171.1730, -71.0120, -45.6680

Conversions

Conversions Part 2

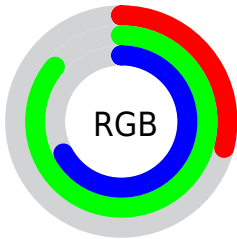
Format	Color
RYB	75, 162, 220
Decimal	4971692
CIELab	79.42, -49.73, 12.43
CIELCh	79, 51.258, 165.965
Yxy	55.6608, 0.2577, 0.3991
Android (android.graphics.Color)	4283161772 (0xFF4BDCAC)
YUV	171.1730, 0.4077, -84.3437
Hunter-Lab	74.6062, -44.5691, 14.1745

Details

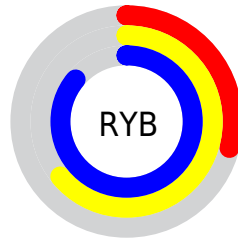
The Hex color **4BDCAC** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **DC4B7B**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **8BFFE3**, and **00A478** is the 20% darker color. If you saturate the color by 10%, you get **35DCA5**, and if you desaturate by 10%, it is **61DCB3**.

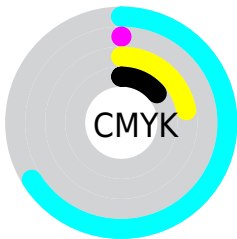
Distribution



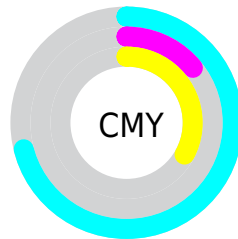
- Red (29%)
- Green (86%)
- Blue (67%)



- Red (29%)
- Yellow (64%)
- Blue (86%)



- Cyan (66%)
- Magenta (0%)
- Yellow (22%)
- Black (14%)



- Cyan (71%)
- Magenta (14%)
- Yellow (33%)

Brightness & Saturation Gradients

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

 4BDCAC

 4BDCAC

FFFFFF

 22C091


 8BFFE3

 00A478

 A9FFFF

 00895F

 C7FFFF

 006F47

 E6FFFF

 005531

 003D1B

 002702

 000000

 4BDCAC

 4BDCAC

 35DCA5

 61DCB3

 1FDC9D

 77DCBB

 09DC96

 8DDCC2

 00DC93

 A3DCC9

 B9DCD0

 CFDCD8

 E5DCDF

 FBDCE6

 FFDCEE

Harmonies

Analogous

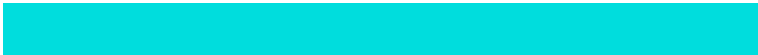
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93D680



4BDCAC



00DDDD

Triad

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



4BDCAC



A5C1FF



FFA982

Complementary

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



4BDCAC



DC4B7B

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.



FF9EAD



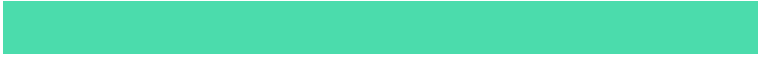
4BDCAC



E9AFFF

Square

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



4BDCAC



39D0FF



FFA0DD



F5BA67

Rectangle

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



4BDCAC



00DCFB



FFA0DD



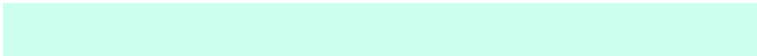
FFA58F

Sweetspot

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



4BDCAC



CCFFEE



7BDC4B



618075



000000



808080

Same Dimension

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



4BDCAC



36FFBC



4BC4DC



636E6A



00AD74



002E1F

Inverse Universe

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



DC4B7B



FF3678



DC634B



6E6366



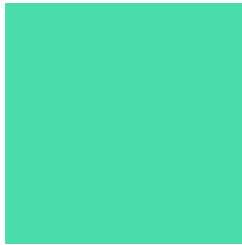
AD0039



2E000F

Previews

White Background



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

Color Contrast Check

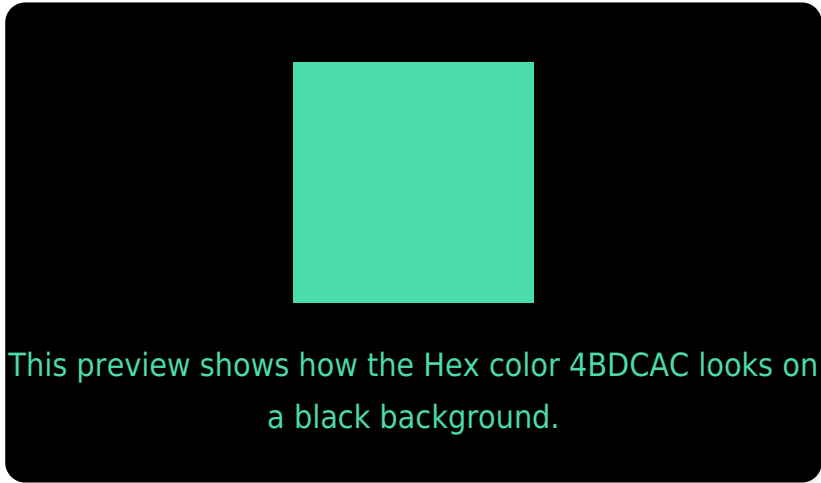
Large Text (above 18pt) WCAG AA × Fail

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

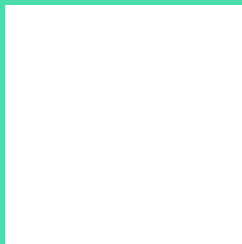
Any Text WCAG AAA ✓ Pass

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

Hex 4BDCAC Background



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

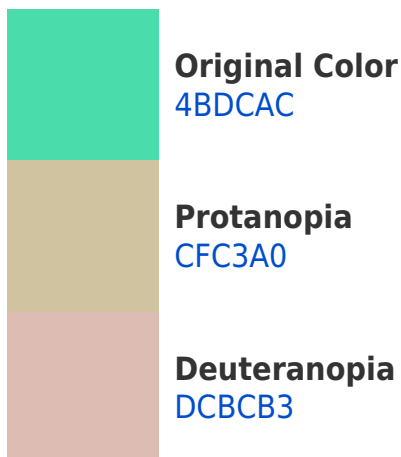


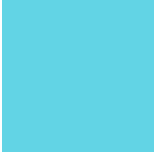
This preview shows how white text looks on a background with the Hex color 4BDCAC.

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



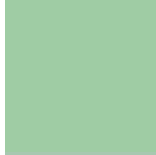


Tritanopia
62D4E5

Trichromacy



Original Color
4BDCAC



Protanomaly
9FCCA4



Deuteranomaly
A7C8B0

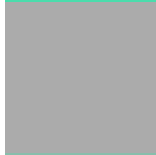


Tritanomaly
5AD7D0

Monochromacy



Original Color
4BDCAC



Achromatopsia
ABABAB



Achromatomaly
88BDAB

CSS Examples

Text

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

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

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 #4BDCAC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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