

# Converting Colors

Hex(4BDACC)

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

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# Color

**Hex(4BDACC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4BDACC
RGB	75, 218, 204
RGB Percent	29%, 85%, 80%
CMY	0.7059, 0.1451, 0.2000
CMYK	0.66, 0.00, 0.06, 0.15
HSL	174°, 66%, 57%
HSV	174°, 66%, 85%
XYZ	38.8721, 55.9983, 65.8867
YIQ	173.6470, -80.7340, -34.6700

# Conversions

## Conversions Part 2

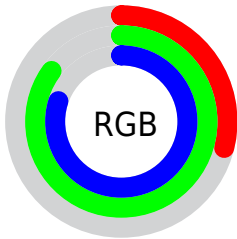
Format	Color
<a href="#">RYB</a>	<a href="#">75, 150, 218</a>
Decimal	<a href="#">4971212</a>
CIELab	<a href="#">79.61, -40.99, -4.31</a>
CIELCh	<a href="#">80, 41.212, 186.010</a>
Yxy	<a href="#">55.9983, 0.2418, 0.3483</a>
Android (android.graphics.Color)	<a href="#">4283161292 (0xFF4BDACC)</a>
YUV	<a href="#">173.6470, 14.9640, -86.5134</a>
Hunter-Lab	<a href="#">74.8320, -38.2326, 0.1798</a>

# Details

The Hex color **4BDACC** 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 **DA4B59**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **8CFFFF**, and **00A296** is the 20% darker color. If you saturate the color by 10%, you get **35DACA**, and if you desaturate by 10%, it is **61DACE**.

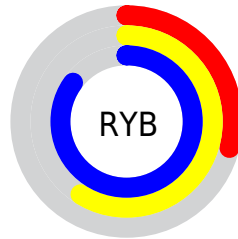
# Distribution



Red (29%)

Green (85%)

Blue (80%)



Red (29%)

Yellow (59%)

Blue (85%)

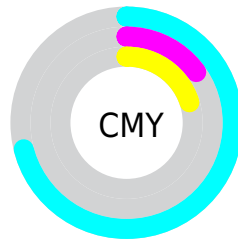


Cyan (66%)

Magenta (0%)

Yellow (6%)

Black (15%)



Cyan (71%)

Magenta (15%)

Yellow (20%)

# Brightness & Saturation Gradients

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



 4BDACC

 4BDACC

FFFFFF

 1FBEB1

 8CFFFF

 00A296

 ABFFFF

 00887C

 C9FFFF

 006E63

 E8FFFF

 00544C

 003C35

 002720

 000009

 000000

 4BDACC

 4BDACC

 35DACA

 61DACE

 1FDAC8

 77DAD0

 0ADAC6

 8CDAD2

 00DAC5

 A2DAD5

 B8DAD7

 CEDAD9

 E4DADB

 F9DADD

 FFDADF

# Harmonies

## Analogous

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



7FD7A5



4BDACC



26D8F1

# Triad

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



4BDACC



D4B9FF



F9B880

# Complementary

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



4BDACC



DA4B59

# 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.



FFAC9A



4BDACC



FCACE5

# Square

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



4BDACC



9BC6FF



FFA7BF



D7C578

# Rectangle

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



4BDACC



43D4FF



FFA7BF



FFB487

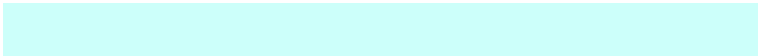


# Sweetspot

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



4BDACC



CCFFFA



59DA4B



61807D



000000



808080



# Same Dimension

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



4BDACC



36FFEB



4BA1DA



636E6D



00AD9C



002E29



# Inverse Universe

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



DA4B59



FF3649



DA844B



6E6364



AD0011

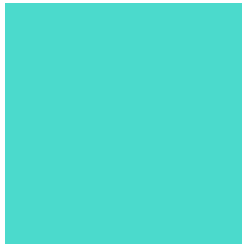


2E0004



# Previews

## White Background



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

## Color Contrast Check

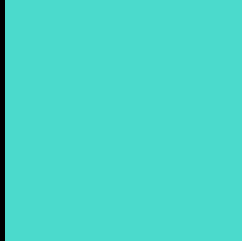
Large Text (above 18pt) WCAG AA × Fail

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 4BDACC 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 4BDACC Background



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



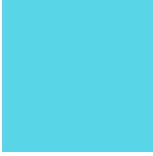
This preview shows how white text looks on a background with the Hex color 4BDACC.

# 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**  
58D6E7

# Trichromacy



**Original Color**  
4BDACC



**Protanomaly**  
9BCBC4



**Deuteranomaly**  
A0C8D0

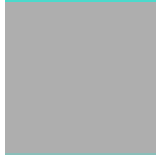


**Tritanomaly**  
53D7DD

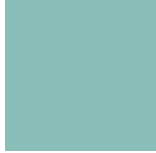
# Monochromacy



**Original Color**  
4BDACC



**Achromatopsia**  
AEAEAE



**Achromatomaly**  
8ABEB9

# CSS Examples

## Text

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

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

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 #4BDACC colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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