

# Converting Colors

Hex(4BD09C)

Have a look what the booklet for  
Hex(4BD09C) contains.

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**Color**

**Hex(4BD09C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4BD09C
RGB	75, 208, 156
RGB Percent	29%, 82%, 61%
CMY	0.7059, 0.1843, 0.3882
CMYK	0.64, 0.00, 0.25, 0.18
HSL	157°, 59%, 55%
HSV	157°, 64%, 82%
XYZ	31.4583, 49.0079, 39.2539
YIQ	162.3050, -62.5760, -44.3680

# Conversions

## Conversions Part 2

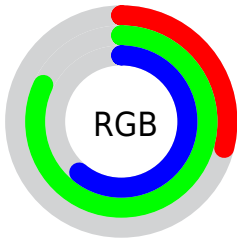
Format	Color
<a href="#">RYB</a>	<a href="#">75, 158, 208</a>
Decimal	<a href="#">4968604</a>
CIELab	<a href="#">75.46, -48.35, 15.34</a>
CIELCh	<a href="#">75, 50.722, 162.397</a>
Yxy	<a href="#">49.0079, 0.2628, 0.4094</a>
Android (android.graphics.Color)	<a href="#">4283158684 (0xFF4BD09C)</a>
YUV	<a href="#">162.3050, -3.1084, -76.5665</a>
Hunter-Lab	<a href="#">70.0056, -42.2977, 15.7585</a>

# Details

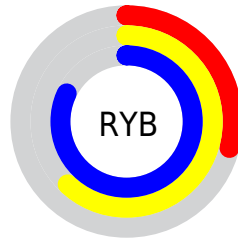
The Hex color **4BD09C** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **D04B7F**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **89FFD3**, and **009969** is the 20% darker color. If you saturate the color by 10%, you get **36D094**, and if you desaturate by 10%, it is **60D0A4**.

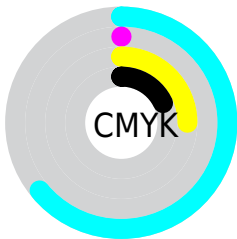
# Distribution



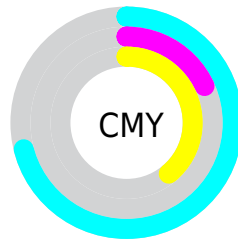
- Red (29%)
- Green (82%)
- Blue (61%)



- Red (29%)
- Yellow (62%)
- Blue (82%)



- Cyan (64%)
- Magenta (0%)
- Yellow (25%)
- Black (18%)



- Cyan (71%)
- Magenta (18%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4BD09C 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 4BD09C by changing the saturation by 10% instead.



 4BD09C

 4BD09C

FFFFFF

 25B482

 89FFD3

 009969

 A6FFE0

 007E50

 C4FFFF

 006439

 E2FFFF

 004B23

 00330E

 001C00

 000000

 4BD09C

 4BD09C

 36D094

 60D0A4

 21D08C

 75D0AC

 0DD084

 89D0B4

 00D07F

 9ED0BD

 B3D0C5

 C8D0CD

 DDD0D5

 F1D0DD

 FFD0E5

# Harmonies

## Analogous

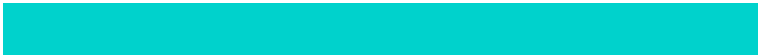
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90C972



4BD09C



00D2CC

# Triad

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



4BD09C



90B8FF



FF9D7D

# Complementary

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



4BD09C



D04B7F

# 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.



FF93A8



4BD09C



D7A6FF

# Square

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



4BD09C



00C7FF



FF97D7



EDAE60

# Rectangle

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



4BD09C



00D1EB



FF97D7



FF998A

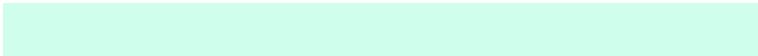


# Sweetspot

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



4BD09C



CFF FEC



80D04B



628074



000000



808080



# Same Dimension

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



4BD09C



3BFFB2



4BC3D0



5E6964



00A866



002919



# Inverse Universe

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



D04B7F



FF3B87



D0584B



695E62



A80042

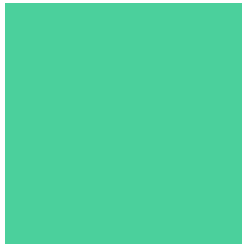


290010



# Previews

## White Background



This preview shows how the Hex color 4BD09C looks on a white background.

## Color Contrast Check

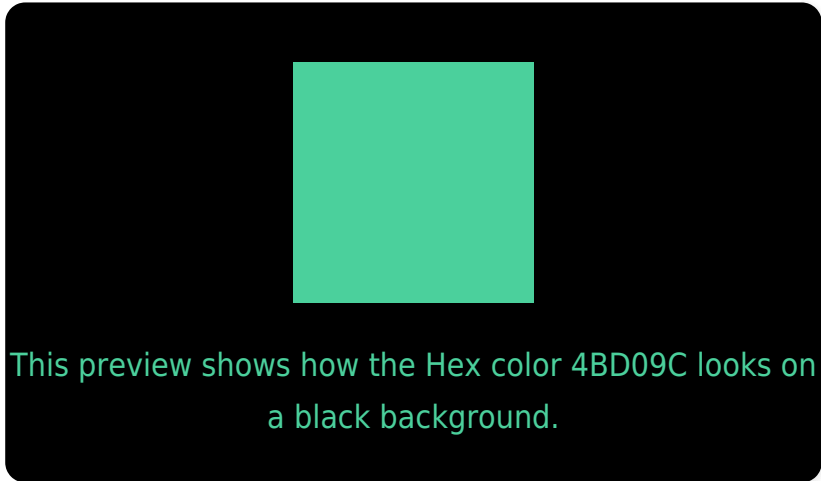
Large Text (above 18pt) WCAG AA × Fail

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 4BD09C Background



This preview shows how black text looks on a background with the Hex color 4BD09C.

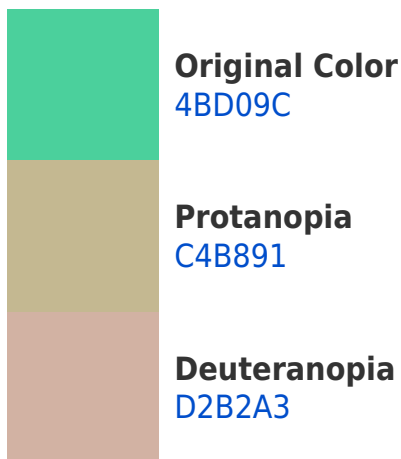


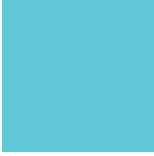
This preview shows how white text looks on a background with the Hex color 4BD09C.

# 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](#).

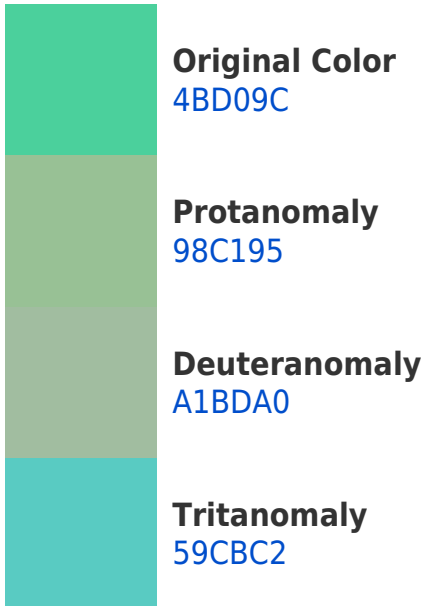
## Dichromacy



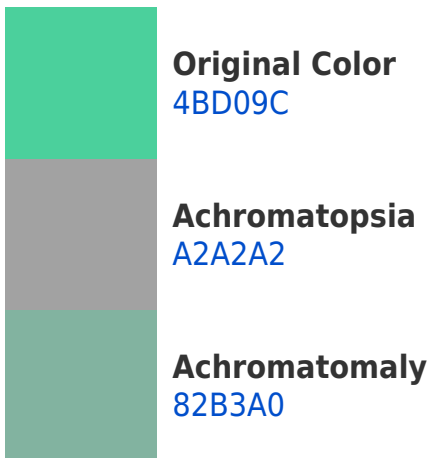


**Tritanopia**  
61C8D8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4BD09C 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 #4BD09C looks like.

```
.text, #text, p{  
    color:#4BD09C  
}
```

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 #4BD09C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BD09C
}
```

## Border

The CSS property to change the border of an element to Hex 4BD09C 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
#4BD09C }
```

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

```
.border{ border-color:#4BD09C }
```

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

Here you see how a box with a 4 pixel #4BD09C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BD09C; -webkit-box-shadow:4px 4px  
4px 4px #4BD09C; box-shadow:4px 4px 4px  
4px #4BD09C }
```

# Background

The CSS property to change the background color of an element to Hex 4BD09C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BD09C }
```

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

```
.background{ background-color:#4BD09C }
```

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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