

# Converting Colors

Hex(4CBFA9)

Have a look what the booklet for  
Hex(4CBFA9) contains.

<b>Hex(4CBFA9)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(4CBFA9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4CBFA9
RGB	76, 191, 169
RGB Percent	30%, 75%, 66%
CMY	0.7020, 0.2510, 0.3373
CMYK	0.60, 0.00, 0.12, 0.25
HSL	169°, 47%, 52%
HSV	169°, 60%, 75%
XYZ	28.7727, 41.6627, 44.0613
YIQ	154.1070, -61.4780, -31.2220

# Conversions

## Conversions Part 2

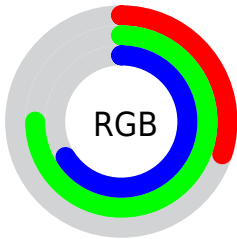
Format	Color
<a href="#">RYB</a>	<a href="#">76, 140, 191</a>
Decimal	<a href="#">5029801</a>
CIELab	<a href="#">70.64, -37.71, 1.44</a>
CIELCh	<a href="#">71, 37.741, 177.808</a>
Yxy	<a href="#">41.6627, 0.2513, 0.3639</a>
Android (android.graphics.Color)	<a href="#">4283219881 (0xFF4CBFA9)</a>
YUV	<a href="#">154.1070, 7.3422, -68.4998</a>
Hunter-Lab	<a href="#">64.5466, -33.3873, 4.7096</a>

# Details

The Hex color **4CBFA9** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **BF4C62**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **88F8E0**, and **008975** is the 20% darker color. If you saturate the color by 10%, you get **39BFA5**, and if you desaturate by 10%, it is **5FBFAD**.

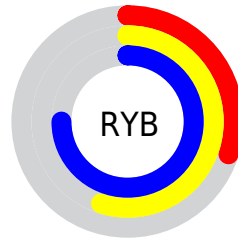
# Distribution



Red (30%)

Green (75%)

Blue (66%)



Red (30%)

Yellow (55%)

Blue (75%)

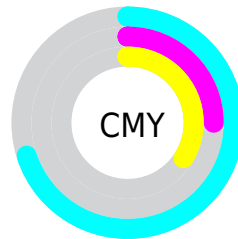


Cyan (60%)

Magenta (0%)

Yellow (12%)

Black (25%)



Cyan (70%)

Magenta (25%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4CBFA9 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 4CBFA9 by changing the saturation by 10% instead.





4CBFA9



4CBFA9

FFFFFF



29A48F



88F8E0



008975



A5FFFD



006F5C



C2FFFF



005645



E0FFFF



003E2F

FEFFFF



00281A



000400



000000



4CBFA9



4CBFA9

■ 39BFA5

■ 5FBFAD

■ 26BFA2

■ 72BFB0

■ 13BF9E

■ 85BFB4

■ 00BF9A

■ 98BFB8

■ ABBFBB

■ BFBFBF

■ D2BFC3

■ E5BFC6

■ F8BFCA

# Harmonies

## Analogous

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



7ABC87



4CBFA9



1DBFCC

# Triad

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



4CBFA9



ADA5E9



E19E74

# Complementary

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



4CBFA9



BF4C62

# 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.



EF958F



4CBFA9



D699D2

# Square

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



4CBFA9



77B1F1



EC92B1



C6AA68

# Rectangle

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



4CBFA9



27BCDF



EC92B1



E79A7B

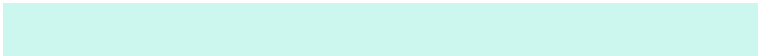


# Sweetspot

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



4CBFA9



CBF7EF



63BF4C



617D78



FCFCFC



7D7D7D



# Same Dimension

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



4CBFA9



45F7D5



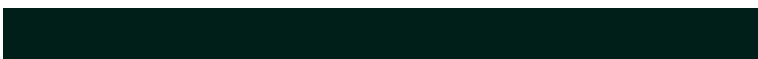
4C9CBF



555E5D



009E80



001F19



# Inverse Universe

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



BF4C62



F74567



BF6F4C



5E5557



9E001E

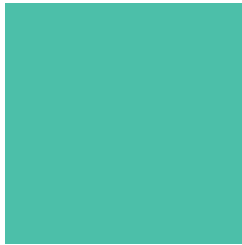


1F0006



# Previews

## White Background



This preview shows how the Hex color 4CBFA9 looks on a white background.

## Color Contrast Check

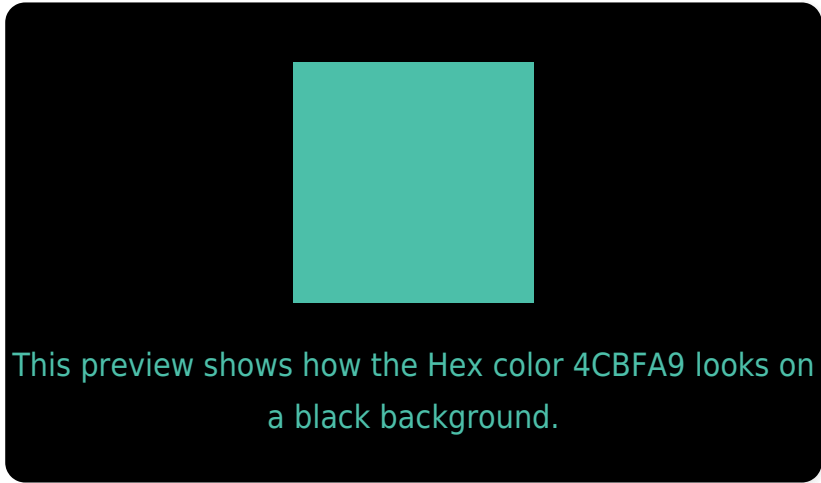
Large Text (above 18pt) WCAG AA × Fail

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

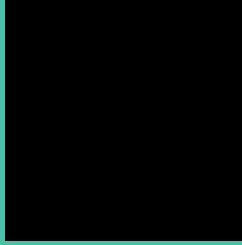
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

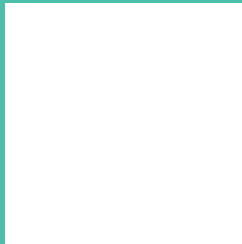
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4CBFA9 Background



This preview shows how black text looks on a background with the Hex color 4CBFA9.



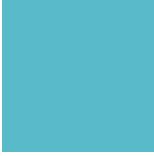
This preview shows how white text looks on a background with the Hex color 4CBFA9.

# 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](#).

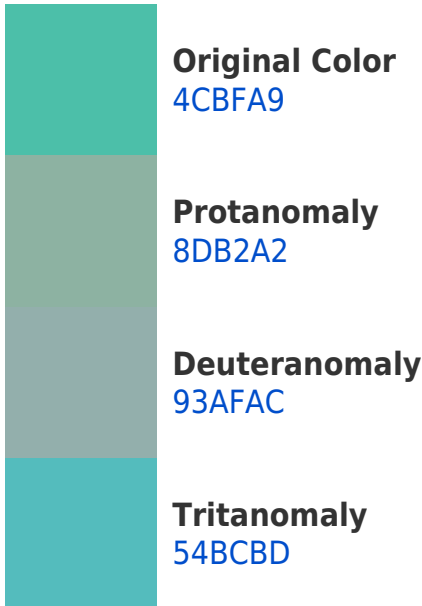
## Dichromacy



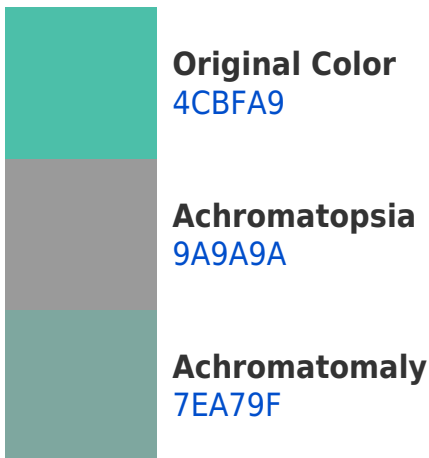


**Tritanopia**  
59BAC9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4CBFA9 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 #4CBFA9 looks like.

```
.text, #text, p{  
    color:#4CBFA9  
}
```

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 #4CBFA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CBFA9
}
```

## Border

The CSS property to change the border of an element to Hex 4CBFA9 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
#4CBFA9 }
```

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

```
.border{ border-color:#4CBFA9 }
```

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

Here you see how a box with a 4 pixel #4CBFA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CBFA9; -webkit-box-shadow:4px 4px  
4px 4px #4CBFA9; box-shadow:4px 4px 4px  
4px #4CBFA9 }
```

# Background

The CSS property to change the background color of an element to Hex 4CBFA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CBFA9 }
```

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

```
.background{ background-color:#4CBFA9 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor