

Converting Colors

Hex(4DCBB9)

Have a look what the booklet for
Hex(4DCBB9) contains.

Hex(4DCBB9)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4DCBB9)

Conversions

Conversions Part 1

Format	Color
Hex	4DCBB9
RGB	77, 203, 185
RGB Percent	30%, 80%, 73%
CMY	0.6980, 0.2039, 0.2745
CMYK	0.62, 0.00, 0.09, 0.20
HSL	171°, 55%, 55%
HSV	171°, 62%, 80%
XYZ	33.1735, 47.7924, 53.3754
YIQ	163.2740, -69.3180, -32.3100

Conversions

Conversions Part 2

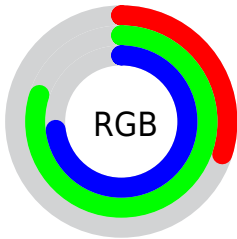
Format	Color
RYB	77, 145, 203
Decimal	5098425
CIELab	74.69, -38.89, -1.33
CIELCh	75, 38.908, 181.957
Yxy	47.7924, 0.2469, 0.3558
Android (android.graphics.Color)	4283288505 (0xFF4DCBB9)
YUV	163.2740, 10.7109, -75.6623
Hunter-Lab	69.1321, -35.3268, 2.6159

Details

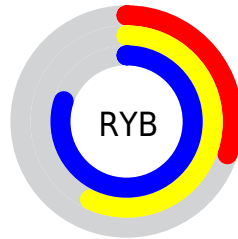
The Hex color **4DCBB9** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **CB4D5F**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **8BFFF1**, and **009484** is the 20% darker color. If you saturate the color by 10%, you get **39CBB6**, and if you desaturate by 10%, it is **61CBBC**.

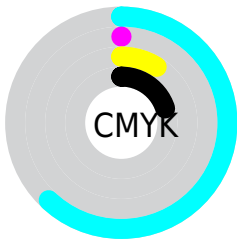
Distribution



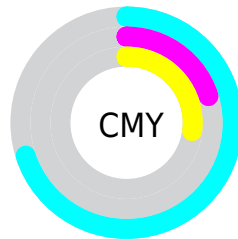
- Red (30%)
- Green (80%)
- Blue (73%)



- Red (30%)
- Yellow (57%)
- Blue (80%)



- Cyan (62%)
- Magenta (0%)
- Yellow (9%)
- Black (20%)



- Cyan (70%)
- Magenta (20%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4DCBB9 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 4DCBB9 by changing the saturation by 10% instead.

 4DCBB9

 4DCBB9

FFFFFF

 28AF9E

 8BFFF1

 009484

 A8FFFF

 007A6B

 C6FFFF

 006053

 E4FFFF

 00483C

 003026

 001912

 000000

 4DCBB9

 4DCBB9

 39CBB6

 61CBBC

 24CBB3

 76CBBF

 10CBB0

 8ACBC2

 00CBAE

 9ECBC5

 B3CBC8

 C7CBCA

 DBCBCD

 EFCBD0

 FFCBD3

Harmonies

Analogous

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



7DC895



4DCBB9



26CADC

Triad

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



4DCBB9



BFAEF5



EBAA7A

Complementary

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



4DCBB9



CB4D5F

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.



FCA094



4DCBB9



E7A2DA

Square

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



4DCBB9



88BAFF



FB9CB7



CDB670

Rectangle

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



4DCBB9



38C7EF



FB9CB7



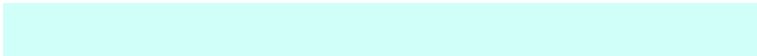
F2A681

Sweetspot

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



4DCBB9



CFFFF8



60CB4D



62807B



000000



808080

Same Dimension

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



4DCBB9



42FFE4



4D9FCB



5C6665



00A68E



002621

Inverse Universe

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



CB4D5F



FF425D



CB794D



665C5D



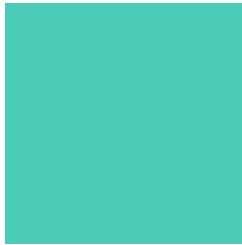
A60018



260005

Previews

White Background



This preview shows how the Hex color 4DCBB9 looks on a white background.

Color Contrast Check

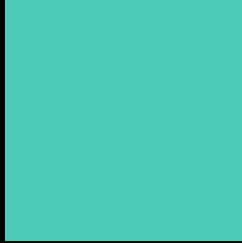
Large Text (above 18pt) WCAG AA × Fail

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 4DCBB9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

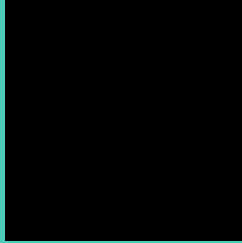
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

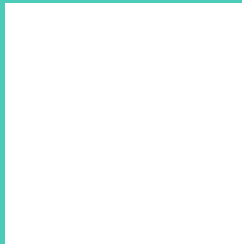
Any Text WCAG AAA ✓ Pass

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

Hex 4DCBB9 Background



This preview shows how black text looks on a background with the Hex color 4DCBB9.

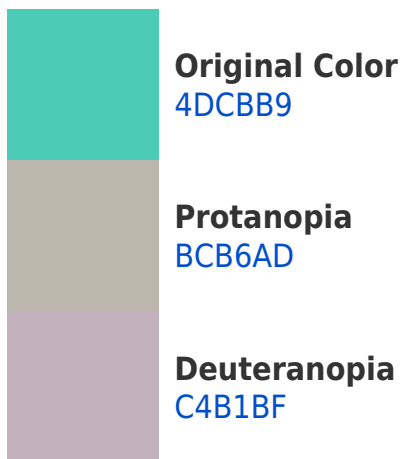


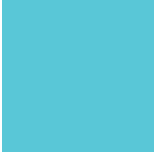
This preview shows how white text looks on a background with the Hex color 4DCBB9.

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



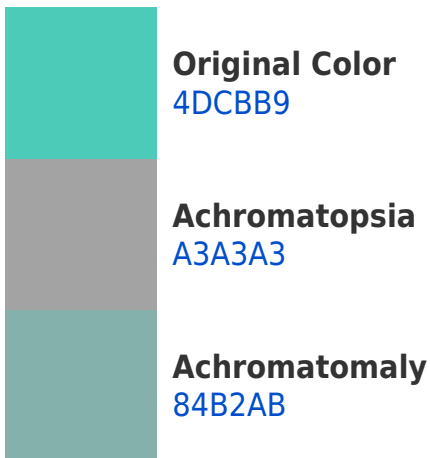


Tritanopia
59C7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4DCBB9 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 #4DCBB9 looks like.

```
.text, #text, p{  
    color:#4DCBB9  
}
```

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 #4DCBB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DCBB9
}
```

Border

The CSS property to change the border of an element to Hex 4DCBB9 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
#4DCBB9 }
```

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

```
.border{ border-color:#4DCBB9 }
```

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

Here you see how a box with a 4 pixel #4DCBB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DCBB9; -webkit-box-shadow:4px 4px  
4px 4px #4DCBB9; box-shadow:4px 4px 4px  
4px #4DCBB9 }
```

Background

The CSS property to change the background color of an element to Hex 4DCBB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DCBB9 }
```

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

```
.background{ background-color:#4DCBB9 }
```

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