

Converting Colors

Hex(4DC39A)

Have a look what the booklet for
Hex(4DC39A) contains.

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Color

Hex(4DC39A)

Conversions

Conversions Part 1

Format	Color
Hex	4DC39A
RGB	77, 195, 154
RGB Percent	30%, 76%, 60%
CMY	0.6980, 0.2353, 0.3961
CMYK	0.61, 0.00, 0.21, 0.24
HSL	159°, 50%, 53%
HSV	159°, 61%, 76%
XYZ	28.4084, 42.9411, 37.3630
YIQ	155.0440, -57.1670, -37.7670

Conversions

Conversions Part 2

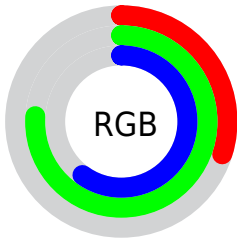
Format	Color
RYB	77, 148, 195
Decimal	5096346
CIELab	71.51, -42.92, 10.87
CIElCh	72, 44.272, 165.790
Yxy	42.9411, 0.2613, 0.3950
Android (android.graphics.Color)	4283286426 (0xFF4DC39A)
YUV	155.0440, -0.5147, -68.4446
Hunter-Lab	65.5294, -37.2930, 12.0651

Details

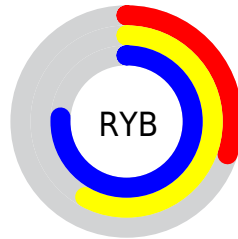
The Hex color **4DC39A** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **C34D76**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **88FCD0**, and **008C67** is the 20% darker color. If you saturate the color by 10%, you get **3AC393**, and if you desaturate by 10%, it is **61C3A1**.

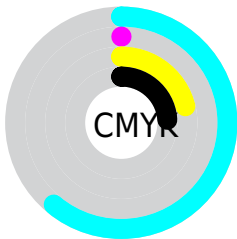
Distribution



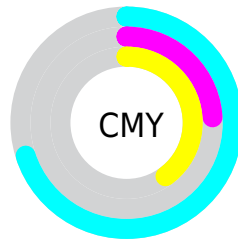
- Red (30%)
- Green (76%)
- Blue (60%)



- Red (30%)
- Yellow (58%)
- Blue (76%)



- Cyan (61%)
- Magenta (0%)
- Yellow (21%)
- Black (24%)



- Cyan (70%)
- Magenta (24%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4DC39A 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 4DC39A by changing the saturation by 10% instead.

 4DC39A

 4DC39A

FFFFFF

 2BA780

 88FCD0

 008C67

 A5FFED

 00724F

 C3FFFF

 005938

 E0FFFF

 004022

 002B0D

 000A00

 000000

 4DC39A

 4DC39A

■ 3AC393

■ 61C3A1

■ 26C38C

■ 74C3A8

■ 12C386

■ 87C3AE

■ 00C37F

■ 9BC3B5

■ AFC3BC

■ C2C3C3

■ D6C3C9

■ E9C3D0

■ FDC3D7

Harmonies

Analogous

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



86BD75



4DC39A



00C4C4

Triad

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



4DC39A



95ACFD



F39877

Complementary

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



4DC39A



C34D76

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.



FD8F9B



4DC39A



CE9DE8

Square

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



4DC39A



44B9FD



F191C4



D9A660

Rectangle

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



4DC39A



00C3DD



F191C4



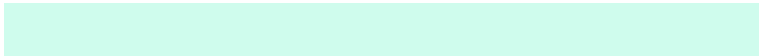
F99482

Sweetspot

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



4DC39A



CFFCED



76C34D



638076



000000



808080

Same Dimension

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



4DC39A



44FCBC



4DB1C3



57615E



00A169



002116

Inverse Universe

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



C34D76



FC4484



C35F4D



61575B



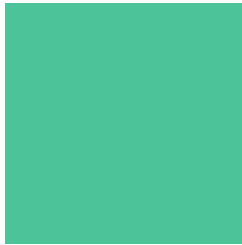
A10038



21000C

Previews

White Background



This preview shows how the Hex color 4DC39A 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 4DC39A 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 4DC39A Background



This preview shows how black text looks on a background with the Hex color 4DC39A.

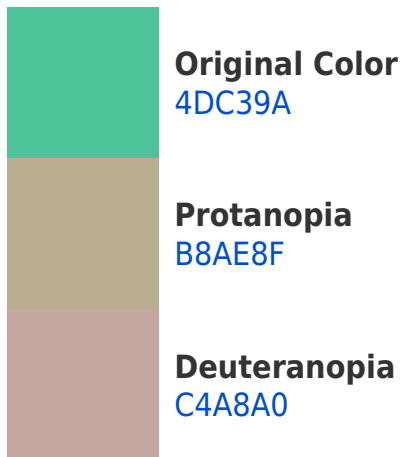


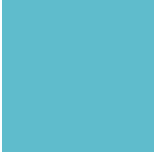
This preview shows how white text looks on a background with the Hex color 4DC39A.

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





Trichromacy



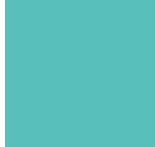
Original Color
4DC39A



Protanomaly
91B693



Deuteranomaly
99B29E



Tritanomaly
58BFBA

Monochromacy



Original Color
4DC39A



Achromatopsia
9B9B9B



Achromatomaly
7FAA9B

CSS Examples

Text

The CSS property to change the color of the text to Hex 4DC39A 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 #4DC39A looks like.

```
.text, #text, p{  
    color:#4DC39A  
}
```

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 #4DC39A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DC39A
}
```

Border

The CSS property to change the border of an element to Hex 4DC39A 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
#4DC39A }
```

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

```
.border{ border-color:#4DC39A }
```

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

Here you see how a box with a 4 pixel #4DC39A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DC39A; -webkit-box-shadow:4px 4px  
4px 4px #4DC39A; box-shadow:4px 4px 4px  
4px #4DC39A }
```

Background

The CSS property to change the background color of an element to Hex 4DC39A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DC39A }
```

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

```
.background{ background-color:#4DC39A }
```

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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