

Converting Colors

Hex(4CB993)

Have a look what the booklet for
Hex(4CB993) contains.

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Color

Hex(4CB993)

Conversions

Conversions Part 1

Format	Color
Hex	4CB993
RGB	76, 185, 147
RGB Percent	30%, 73%, 58%
CMY	0.7020, 0.2745, 0.4235
CMYK	0.59, 0.00, 0.21, 0.27
HSL	159°, 44%, 51%
HSV	159°, 59%, 73%
XYZ	25.5959, 38.3410, 33.6553
YIQ	148.0770, -52.7660, -34.9260

Conversions

Conversions Part 2

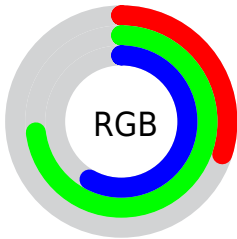
Format	Color
RYB	76, 142, 185
Decimal	5028243
CIELab	68.27, -40.35, 10.07
CIElCh	68, 41.590, 165.990
Yxy	38.3410, 0.2623, 0.3929
Android (android.graphics.Color)	4283218323 (0xFF4CB993)
YUV	148.0770, -0.5310, -63.2115
Hunter-Lab	61.9201, -34.5737, 11.1183

Details

The Hex color **4CB993** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B94C72**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **86F2C9**, and **008360** is the 20% darker color. If you saturate the color by 10%, you get **3AB98D**, and if you desaturate by 10%, it is **5FB999**.

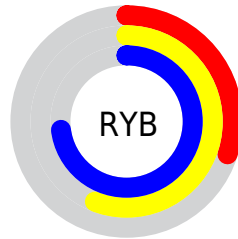
Distribution



Red (30%)

Green (73%)

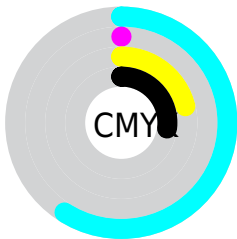
Blue (58%)



Red (30%)

Yellow (56%)

Blue (73%)

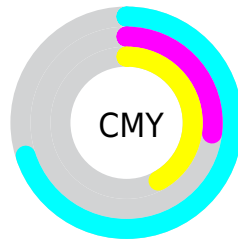


Cyan (59%)

Magenta (0%)

Yellow (21%)

Black (27%)



Cyan (70%)

Magenta (27%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4CB993 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 4CB993 by changing the saturation by 10% instead.



4CB993



4CB993

FFFFFF



2C9E79



86F2C9



008360



A3FFE5



006949



C0FFFF



005032



DDFFFF



00381D



FBFFFF



002404



000000



4CB993



4CB993



3AB98D



5FB999

 27B986

 71B9A0

 14B980

 84B9A6

 02B979

 96B9AD

 00B979

 A9B9B3

 BBB9BA

 CDB9C0

 E0B9C7

 F3B9CD

Harmonies

Analogous

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



80B471



4CB993



00BABA

Triad

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



4CB993



8FA3EE



E69172

Complementary

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



4CB993



B94C72

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.



EF8994



4CB993



C495DB

Square

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



4CB993



46AFEF



E48ABA



CE9E5D

Rectangle

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



4CB993



00B9D1



E48ABA



EB8E7C

Sweetspot

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



4CB993



C5F0E1



72B94C



5D786F



F7F7F7



787878

Same Dimension

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



4CB993



46F0B4



4CA9B9



535C59



009C65



001C12

Inverse Universe

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



B94C72



F04681



B95C4C



5C5356



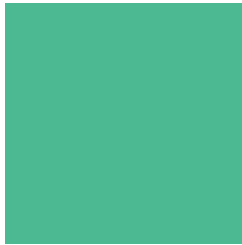
9C0036



1C000A

Previews

White Background



This preview shows how the Hex color 4CB993 looks on a white background.

Color Contrast Check

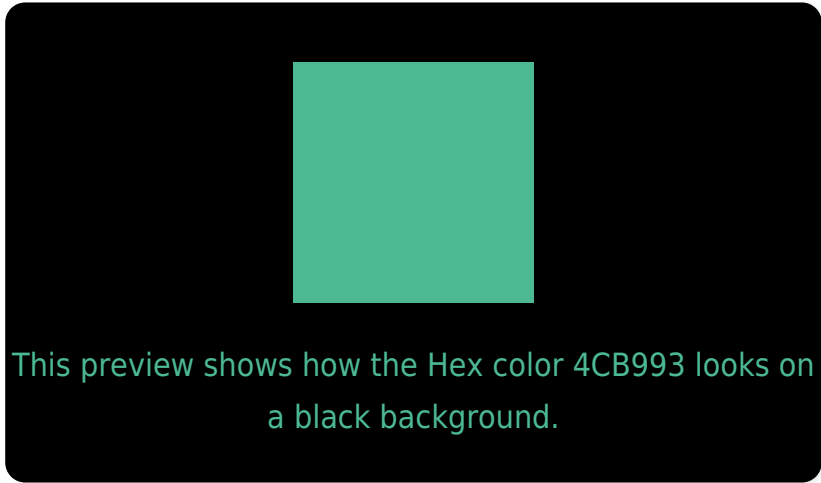
Large Text (above 18pt) WCAG AA × Fail

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

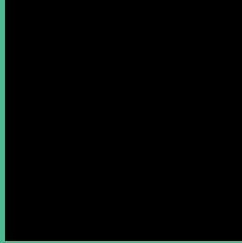
Any Text WCAG AA ✓ Pass

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 4CB993 Background



This preview shows how black text looks on a background with the Hex color 4CB993.

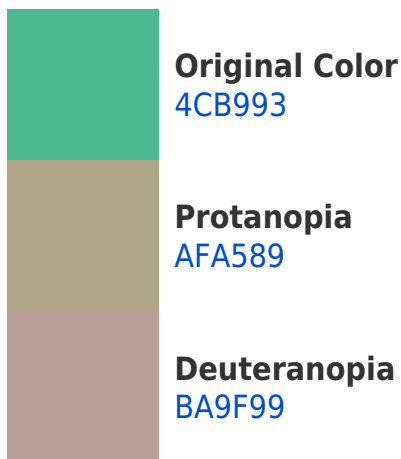


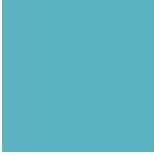
This preview shows how white text looks on a background with the Hex color 4CB993.

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](#).

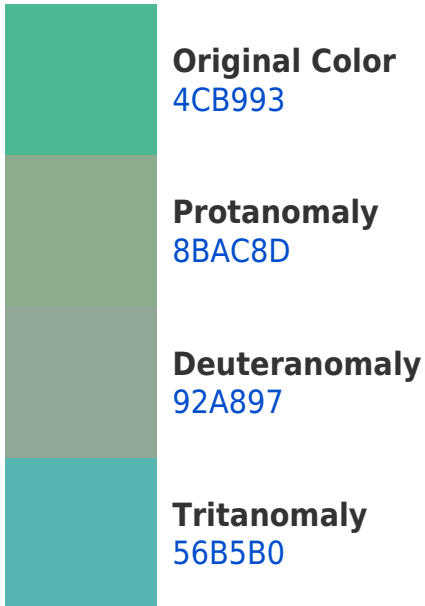
Dichromacy



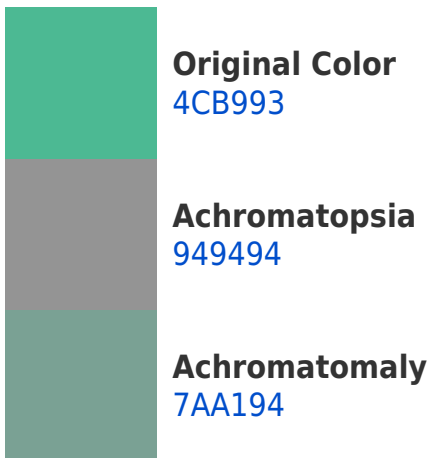


Tritanopia
5CB3C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4CB993 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 #4CB993 looks like.

```
.text, #text, p{  
    color:#4CB993  
}
```

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 #4CB993 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CB993
}
```

Border

The CSS property to change the border of an element to Hex 4CB993 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
#4CB993 }
```

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

```
.border{ border-color:#4CB993 }
```

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

Here you see how a box with a 4 pixel #4CB993 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CB993; -webkit-box-shadow:4px 4px  
4px 4px #4CB993; box-shadow:4px 4px 4px  
4px #4CB993 }
```

Background

The CSS property to change the background color of an element to Hex 4CB993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CB993 }
```

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

```
.background{ background-color:#4CB993 }
```

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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