

Converting Colors

Hex(4BC394)

Have a look what the booklet for
Hex(4BC394) contains.

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Color

Hex(4BC394)

Conversions

Conversions Part 1

Format	Color
Hex	4BC394
RGB	75, 195, 148
RGB Percent	29%, 76%, 58%
CMY	0.7059, 0.2353, 0.4196
CMYK	0.62, 0.00, 0.24, 0.24
HSL	156°, 50%, 53%
HSV	156°, 62%, 76%
XYZ	27.7621, 42.6642, 34.7888
YIQ	153.7620, -56.4330, -40.0570

Conversions

Conversions Part 2

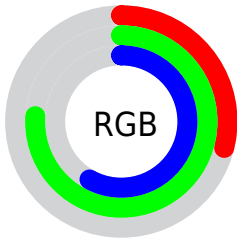
Format	Color
RYB	75, 150, 195
Decimal	4965268
CIELab	71.33, -44.66, 13.84
CIELCh	71, 46.754, 162.787
Yxy	42.6642, 0.2639, 0.4055
Android (android.graphics.Color)	4283155348 (0xFF4BC394)
YUV	153.7620, -2.8407, -69.0743
Hunter-Lab	65.3178, -38.4383, 14.1442

Details

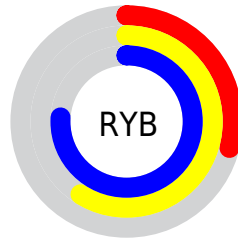
The Hex color **4BC394** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **C34B7A**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **87FCCA**, and **008C61** is the 20% darker color. If you saturate the color by 10%, you get **38C38C**, and if you desaturate by 10%, it is **5FC39C**.

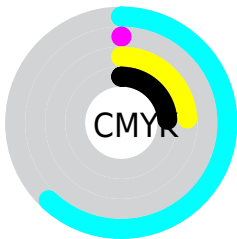
Distribution



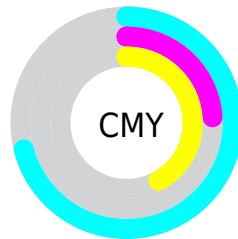
- Red (29%)
- Green (76%)
- Blue (58%)



- Red (29%)
- Yellow (59%)
- Blue (76%)



- Cyan (62%)
- Magenta (0%)
- Yellow (24%)
- Black (24%)



- Cyan (71%)
- Magenta (24%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4BC394 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 4BC394 by changing the saturation by 10% instead.



4BC394



4BC394

FFFFFF



28A77A



87FCCA



008C61



A4FFE6



007249



C1FFFF



005933



DFFFFFF



00401D



FDFFFF



002B05



000900



000000



4BC394



4BC394

 38C38C

 5FC39C

 24C385

 72C3A3

 11C37D

 86C3AB

 00C377

 99C3B3

 ADC3BA

 C0C3C2

 D4C3C9

 E7C3D1

 FBC3D9

Harmonies

Analogous

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



88BD6E



4BC394



00C5C0

Triad

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



4BC394



8BADFF



F89577

Complementary

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



4BC394



C34B7A

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.



FF8C9E



4BC394



CA9DED

Square

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



4BC394



1FBAFF



F18FC9



DEA45D

Rectangle

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



4BC394



00C3DB



F18FC9



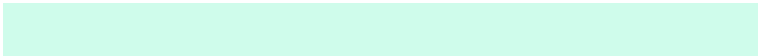
FD9183

Sweetspot

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



4BC394



CFFCEB



7BC34B



638075



000000



808080

Same Dimension

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



4BC394



42FCB3



4BB7C3



57615D



00A162



002114

Inverse Universe

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



C34B7A



FC428B



C3574B



61575B



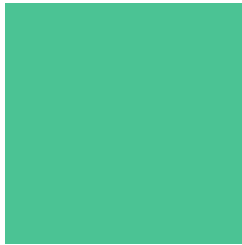
A1003F



21000D

Previews

White Background



This preview shows how the Hex color 4BC394 looks on a white background.

Color Contrast Check

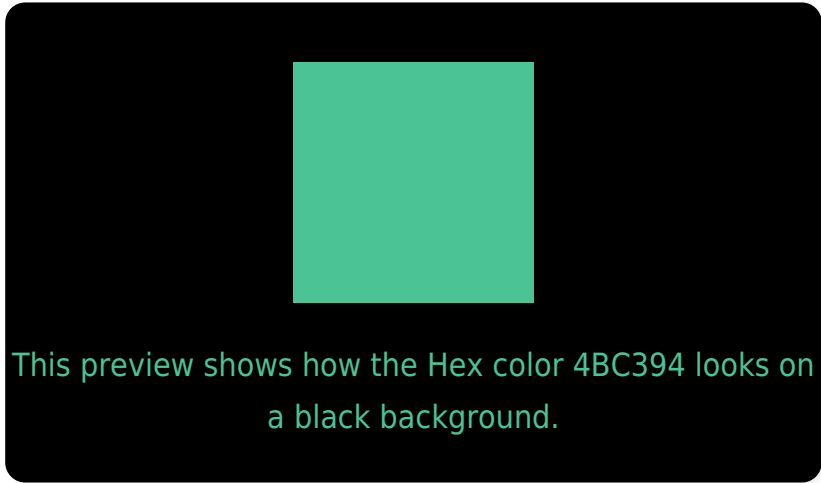
Large Text (above 18pt) WCAG AA × Fail

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

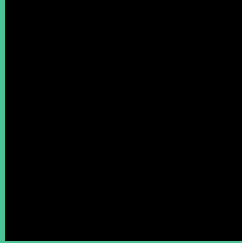
Any Text WCAG AA ✓ Pass

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 4BC394 Background



This preview shows how black text looks on a background with the Hex color 4BC394.

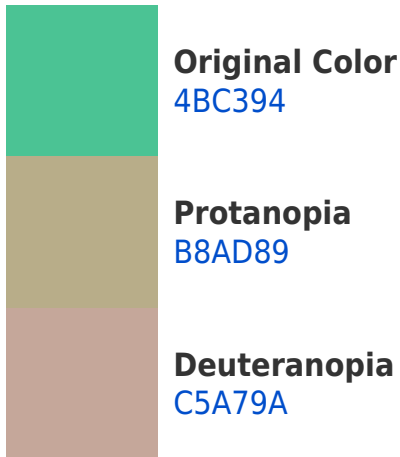


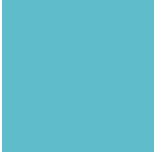
This preview shows how white text looks on a background with the Hex color 4BC394.

Color Blindness Simulation

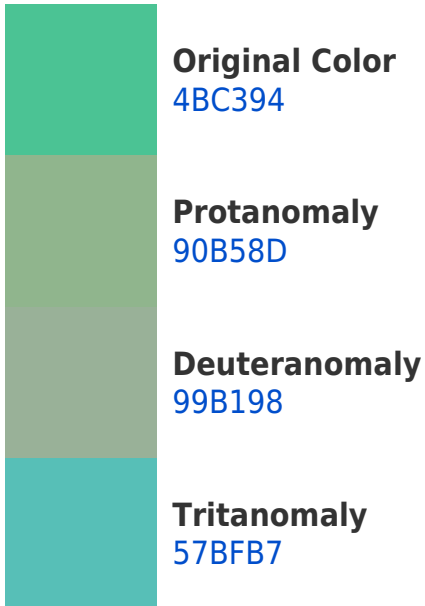
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

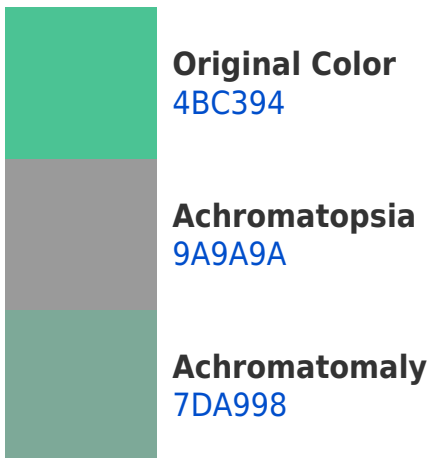




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4BC394 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 #4BC394 looks like.

```
.text, #text, p{  
    color:#4BC394  
}
```

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 #4BC394 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BC394
}
```

Border

The CSS property to change the border of an element to Hex 4BC394 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
#4BC394 }
```

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

```
.border{ border-color:#4BC394 }
```

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

Here you see how a box with a 4 pixel #4BC394 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BC394; -webkit-box-shadow:4px 4px  
4px 4px #4BC394; box-shadow:4px 4px 4px  
4px #4BC394 }
```

Background

The CSS property to change the background color of an element to Hex 4BC394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BC394 }
```

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

```
.background{ background-color:#4BC394 }
```

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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